COMPUTER SCIENCES CORP FALLS CHURCH VA STUDY OF ALERTING AND LOCATING TECHNIQUES AND THEIR IMPACT (SAL--ETC(U) DEC 76 AD-A053 052 UNCLASSIFIED NL 1 OF 2 AD A053052

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STUDY OF ALERTING AND LOCATING TECHNIQUES AND THEIR IMPACT (SALTTI).

HIGH SEAS COST-BENEFIT ANALYSES.

VOLUME 3: COMPUTER DATA

(11) Dec 761

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Prepared for

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UNITED STATES COAST GUARD

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by

COMPUTER SCIENCES CORPORATION

Falls Church VA

DEPARTMENT OF TRANSPORTATION • UNITED STATES COAST GUARD

DECEMBER 197

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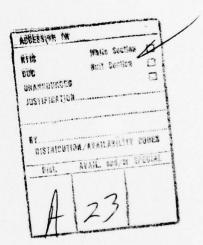
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VOLUME 3

TABLE OF CONTENTS

APPENDIX C SYSTEM DATA SUMMARIES AND COST-BENEFIT RESULTS

APPENDIX D SYSTEMS RANK ORDERING



APPENDIX C - SYSTEM DATA SUMMARIES AND COST-BENEFIT RESULTS (5)

$\label{eq:indexto} \text{INDEX TO}$ SYSTEMS DATA SUMMARIES AND COST-BENEFIT RESULTS

<u>S.</u>	ALTTI NO.	SYSTEM	PAGE
	1B1A	Installed 500 kHz	C-1
	1B1B	Installed 2182 kHz	C-2
	1B1C	Installed L-Band SATCOM	C-3
	1B1D	Installed HF	C-4
	1B2A	EPIRB 2182 kHz	C-5
	1B2B	EPIRB 121.5/243 MHz, Aircraft Overflight	C-6
	1B2B 1B2C	EPIRB 121.5/243 MHz, Orbiting Satellite	C-7
	1B2D	EPIRB 406 MHz Geostationary Satellite	C-9
	1B3A	Survival 500 kHz	C-11
	1B3B	Survival 2182 kHz	C-12
	1B3C	Survival 8364 kHz	C-13
	1B4A	Combination Survival Transmitting 500, 2182 and 8364 kHz	C-14
	2B1A	Installed 500 kHz, Location Reported	C-15
	2B1B	Installed 2182 kHz, Location Reported	C-16
	2B1C	Installed L-Band, Location Reported	C-17
	2B1D	Installed HF, Location Reported	C-8
	2B2A	Installed 500 kHz, Shore DF Locates	C-19
	2B2B	Installed HF, Shore DF Locates	C-20
	2B3A	Installed 500 kHz, Aircraft DF/Homing	C-21
	2B3B	Installed 2182 kHz, Aircraft DF/Homing	C-22
	2B3C	Installed 156.8 MHz, Aircraft DF/Homing	C-23
	2B3D	Installed HF. Aircraft DF/Homing	C-24

INDEX (Cont'd)

SALTTI NO.	SYSTEM	PAGE
2B4A	Installed 500 kHz, Ship DF/Homing	C-25
2B4B	Installed 2182 kHz, Ship DF/Homing	C-26
2B4C	Installed 156.8 MHz Ship DF/Homing	C-27
2B4D	Installed HF, Ship DF/Homing	C-28
2B5A	EPIRB VHF-FM, Aircraft DF/Homing	C-29
2B5B	EPIRB 2182 kHz, Aircraft DF/Homing	C-30
2B5C	EPIRB UHF-AM, Aircraft DF/Homing	C-31
2B5D	EPIRB 121.5/243 MHz, Aircraft DF/Homing	C-32
2B5E	EPIRB VHF-AM, Aircraft DF/Homing	C-33
2B6A	EPIRB VHF-FM, Ship DF/Homing	C-34
2B6B	EPIRB 2182 kHz, Ship DF/Homing	C-35
2B6C	EPIRB UHF-AM, Ship DF/Homing	C-36
2B6D	EPIRB 121.5/243 MHz, Ship DF/Homing	C-37
2B6E	EPIRB VHF-AM, Ship DF/Homing	C-38
2B7A	EPIRB 121.5/243 MHz, Doppler by Orbiting Satellite	C-39
2B7B	EPIRB 406 MHz, retransmit NAVAID to Geostationary Satellite	C-41
2B7C	EPIRB 406 MHz, retransmit NAVAID to Orbiting Satellite	C-43
2B8A	Survival 500 kHz, Shore DF	C-45
2B8B	Survival 8364 kHz, Shore DF	C-46
2B9A	Survival 500 kHz, Aircraft DF/Homing	C-47
2B9B	Survival 2182 kHz, Aircraft DF/Homing	C-48
2B9C	Survival 8364 kHz, Aircraft DF/Homing	C-49

INDEX (Cont'd)

SALTTI NO.	SYSTEM	PAGI
2B10A	Survival 500 kHz, Ship DF/Homing	C-50
2B10B	Survival 2182 kHz, Ship DF/Homing	C-51
2B10C	Survival 8364 kHz, Ship DF/Homing	C-52
3B1A	Installed 500 kHz, Alerts and Reports Location	C-53
3B1B	Installed 2182 kHz, Alerts and Reports Location	C-54
3B1C	Installed L-Band, Alerts and Reports Location	C-55
3B1D	Installed HF, Alerts and Reports Location	C-56
3B2A	Installed 500 kHz Alerts, Shore DF Locates	C-57
3B2B	Installed HF Alerts, Shore DF Locates	C-58
3B3A	Installed 500 kHz Alerts, Shore Aircraft DF/ Homing	C-59
3B3B	Installed 2182 kHz Alerts, Shore Aircraft DF/Homing	C-60
3B3C	Installed HF Alerts, Aircraft DF/Homing	C-61
3B4A	Installed 500 kHz Alerts, Shore Ship DF/Homing	C-62
3B4B	Installed 2182 kHz Alerts, Shore Ship DF/Homing	C-63
3B4C	Installed HF Alerts, Ship DF/Homing	C-64
3B5A	EPIRB 121.5/243 MHz Alerts by Aircraft Overflight, Aircraft DF/Homing	C-65
3B5B	EPIRB 2182 Alerts, Aircraft DF/Homing	C-66
3B5C	EPIRB Combination Alerts by Satellite and is Located by 2182 kHz DF/Homing	C-67
3B5D	EPIRB Combination Alerts by Satellite, Located by 121.5/243	C-69
3B5E	EPIRB Combination Alerts by Satellite, Located by VHF-FM DF/Homing	C-71

INDEX (Cont'd)

SALTTI NO.	SYSTEM	PAGE
3B5F	EPIRB Combination Alerts by Satellite, Located by UHF-AM DF/Homing	C-73
3B5G	EPIRB Combination Alerts by Satellite, Located by UHF-AM DF/Homing	C-75
3B6A	EPIRB 121.5/243 MHz Alerts by Overflight, Located Ship DF/Homing	C-77
3B6B	EPIRB 2182 Alerts Ship in Range, Located Ship DF/Homing	C-78
3B6C	EPIRB Combination Alerts by Satellite, Located by 2182 kHz DF/Homing	C-79
3B6D	EPIRB Combination Alerts by Satellite, Located by 121.5/243 MHz DF/Homing	C-81
3B6E	EPIRB Combination Alerts by Satellite, Located by VHF-FM DF/Homing	C-83
3B6F	EPIRB Combination Alerts by Satellite, Located by UHF-AM DF/Homing	C-85
3B6G	EPIRB Combination Alerts by Satellite, Located by VHF-AM DF/Homing	C-87
3B7A	Survival 500 kHz Alerts, Shore DF Locates	C-89
3B7B	Survival 8364 kHz Alerts, Shore DF Locates	C-90
3B8A	Survival 500 kHz Alerts, Aircraft DF Locates	C-91
3B8B	Survival 2182 kHz Alerts, Aircraft DF Locates	C-92
3B8C	Survival 8364 kHz Alerts, Aircraft DF Locates	C-93
3B9A	Survival 500 kHz Alerts, Ship DF Locates	C-94
3B9B	Survival 2182 kHz Alerts, Ship DF Locates	C-95
3B9C	Survival 8364 kHz Alerts, Ship DF Locates	C-96
3B10A	EPIRB 121.5/243 or 406 MHz Alerts by Satellite, Doppler by Orbiting Satellite	C-97

GOVT COST: AC&1 \$ 552000. ANNUAL 0&M \$ 767200. USER COST: UNIT COST \$ 17000. QUANTITY OF 3651. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM \$ 16810. TO \$ 15194. NUMBER OF PRODUCERS 5. SYSTEM EFFECTIVENESS: ALERTING 0. 4999 SHORE: ES=0, 990 ET=0, 996 EA=0, 995 EP=GEOGRAPHIC PASS SHIP: ES=0. 990 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE=270, N. M. TEM CARRIAGE AND WATCH: CARRIAGE COMMERCIAL SHIPS: FROM 18985. TO 27022. MAINTAIN WATCH SYSTEM CARRIAGE AND WATCH: 100. PERCENT FROM 0. TO 0. FISHING VESSELS: O. PERCENT NO AIRCRAFT MONITOR: O. PERCENT COST: (\$000) A C & I PV 0 & E TOTAL GOVT: 4714 5216. 502. \$ \$ \$ ATL \$ 279. \$ 2619. \$ 2898. PAC 2095. 2318. 223. SAR 13051. 13051. \$ 5778. **72**73. ATL \$ PAC \$ 362944. \$ 216104. \$ 227077. \$ 135206. \$ 590021. \$ 351310. COMM: ATL PAC 146840. 91871 238711. FISH: \$ 0 \$ 0 \$ ATL \$ O. \$ O. \$ 0 PAC 0. \$ O. \$ FOTAL: W/SAR \$ 363446. ATL \$ 216383. \$ 244842. \$ 143603. \$ 608288. \$ 359986. \$ 101239. \$ 248302. PAC 147063. \$ TOTAL: WO/SAR \$ 363446. ATL \$ 216383. \$ 231791. \$ 137825. \$ 595237. \$ 354208. \$ 241029. PAC 147063. 93966. BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL \$ 26298. COMM: \$ 11736. \$ 14562. 15603. 6963. ATL \$ 8640. \$ PAC \$ 4773. 5922. \$ 10696. 0. 0. 0. 0. FISH: \$ \$ 0. ATL \$ O. \$ \$ PAC \$ 26298. 11736. 14562. TOTAL: \$ 6963. 15603. 8640. ATL \$ \$ PAC 4773. 5922. 10696. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST COMM: 0. 0446 \$ ~563723. ATL 0.0444 -335708 0.0448 \$ -228015 PAC FISH: NOT APPLICABLE NOT APPLICABLE 0 ATL \$ PAC NOT APPLICABLE \$ TOTAL: W/SAR 0.0432 \$ -581990. ATL 0.0433 -344383 0.0431 -237607 PAC TOTAL: WO/SAR 0.0442 \$ -568939 ATL 0.0440 -338605

ALERTING ONLY

\$ -230334

The house the second of the second se

1 B 1A

PAC

INST 500 KHZ

USER COST: UNIT COST \$ 1500. QUANTITY OF 2821. LEARNING FACTOR 0.85 PURCHASE PRICE: FROM \$ 1490. TO \$ 1404. NUMBER OF PRODUCERS 10.

SYSTEM EFFECTIVENESS: ALERTING 0, 4515 SHORE: ES=0, 907 ET=0, 996 EA=0, 995 PASS SHIP: ES=0. 907 ET=1, 000 EA=0, 995

PAC

EP=GEOGRAPHIC EP=1. 000 ALERTING RANGE= 70. N. M.

-25653.

Company of the contract of the state of the

ALERTING ONLY

SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH COMMERCIAL SHIPS: FROM 18985 TO 27022 10. PERCENT FROM 10000, TO 10366. FISHING VESSELS: 90. PERCENT AIRCRAFT MONITOR: NO 0. PERCENT COST: (\$000) A C & I PV 0 & E TOTAL GOVT: \$ 746. \$ 22594. \$ 23340. ATL 12967 \$ 415. 12552. PAC \$ 332. 10042. 10373 \$ SAR 13189. 13189 5841. ATL PAC 7347. COMM: \$ 32321. \$ 20181. 52501 19244. ATL \$ **\$** 12016. 31260. 8165. 9293. \$ 13076. \$ 21241. FISH: 13857. 23151. \$ ATL \$ 8490. 5694. # 14184. 5367. 3599. PAC \$ 8966. FOTAL: W/SAR \$ 46925. \$ 65256. \$ 112181 ATL \$ 36103. \$ 29153. 28149. \$ 64253. PAC 18775. 47928. TOTAL: WO/SAR \$ 46925. 98992. 52068. 4 \$ 28149. 58411 ATL 30262. PAC 18775. 40581 21806. PROP DAMAGE BENEFITS: (\$000) FATALITIES TOTAL \$ 14241. COMM: \$ 11478. 25719. ATL 6952. 15578. 8626 # 4526. PAC \$ 5615. 10141 FISH: 5052. 7879. 12931. 3181. 4962. ATL 8143 PAC \$ 1870. 2917. 4787 TOTAL: \$ 16529. 22120. 38650 10134 ATL 13588 23722 PAC 6396. 8532. 14928. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST: COMM: 0.4899 -26782. ATL 0. 4983 -15682.PAC 0. 4774 -11100FISH: 0.5585 -10220 ATL 0.5741 -6041 0.5339 -4179 PAC TOTAL: W/SAR -73531 0. 3445 \$ 0.3692 ATL PAC 0.3115 -33000 FOTAL: WOZSAR 0 3904 -60342ATL 0.4061 -34690.

GOVT COST: AC&1 \$ Ο. ANNUAL O&M \$ TARIFF SERVICE LEARNING FACTOR 0.82 USER COST: UNIT COST \$ 48300. QUANTITY OF 200. PURCHASE PRICE: FROM \$ 26322. TO \$ 23792. NUMBER OF PRODUCERS 3. SYSTEM EFFECTIVENESS: ALERTING 0. 4950 SHORE: ES=0, 999 ET=0, 996 EA=0, 995 EP=1, 000 PASS SHIP: NOT GUARDED TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 5000, TO 7117.
FISHING VESSELS: FROM 0. TO 0. SYSTEM CARRIAGE AND WATCH: MAINTAIN WATCH PERCENT O. PERCENT NO AIRCRAFT MONITOR: 0. PERCENT COST: (\$000) A C & I PV 0 & E TOTAL GOVT: 0 117. \$ 117 \$ \$ ATL \$ O. \$ 65. \$ 65. PAC 52. 52. SAR 12670. \$ 12670. ATL \$ 5557. 7113. PAC **\$** 149671. 93642.55756. \$ 243314. \$ 144874 COMM: AIL \$ 89117. \$ 37886. PAC 60554. 98440. \$ FISH: \$ O. **\$** 0. \$ 0 AIL \$ O. \$ O. \$ 0 0. PAC O. \$ FOTAL: W/SAR \$ 149671. \$ 256100. \$ 106429. ATL \$ 89117. \$ 61378. \$ 150495. PAC 60554. \$ 45051. \$ 105605. TOTAL: WO/SAR \$ 149671. \$ 93759.\$ 55821. \$ 243**43**0. \$ 144939. ATL \$ 89117. \$ 37938. 60554. 98492 \$ BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL COMM: \$ 3797. \$ 6857 \$ 3060. ATL 1816. 2253. 4048 # PAC 1245. \$ 1544. \$ 2789 O. O. O. 0. 0. 0. FISH: \$ 0. 0. ATL \$ \$ PAC \$ \$ \$ 3060. 6857. TOTAL: \$ 3797. 4068. ATL 1816. \$ 2253. 4 1544. PAC 1245. \$ \$ 2789. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST COMM: 0.0282 \$ -236457. AIL 0.0281 -140806 -95651 PAC 0.0283 \$ NOT APPLICABLE FISH: \$ O. NOT APPLICABLE \$ NOT APPLICABLE PAC 4 **\$** -249243 TOTAL: W/SAR 0.0268 \$ -146427. \$ -102816 ATL 0. 0270 PAC 0.0264 FOTAL: WOZSAR 0. 0282 **\$** -236573. \$ -140870. ATL 0.0281PAC 0.0283 -95703.

ALERTING ONLY

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3 1 B 1C

INST L-BAND SATCOM

ALL

ATL

PAC

TOTAL: WOZSAR

PAC

\$ -117666

-69621.-48045

The community of the second section of the

GOVT COST: AC&1 \$ 3600000. ANNUAL 0&M \$ 841000. USER COST: UNIT COST \$ 8520. QUANTITY OF 225. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM \$ 3794. TO \$ 3429. NUMBER OF PRODUCERS 5. SYSTEM EFFECTIVENESS: ALERTING 0, 4394 SHORE: ES=0.968 ET=0.996 EA=0.995 EP=GEOGRAPHIC PASS SHIP: NOT GUARDED SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 0. TO 0.
AIRCRAFT MONITOR: NO O. PERCENT O. PERCENT O. PERCENT COST: (\$000) A C & I PV 0 & E TOTAL **\$** 3273. \$ 8440. GOVT: \$ 5168. 4689. ATL 1818. \$ 2871. 1455. \$ 3751. \$ 15131. 3751. PAC \$ 2297. 15131. SAR \$ 6537. ATL PAC \$ 8594. \$ 81910. \$ 51247. \$ 133157. CUMM: \$ 30514. \$ 20734. ATL \$ 48771. 79284 \$ 3315... \$ 0. \$ 0. 0. 33139. PAC \$ 53873. \$ 0. \$ 0. \$ FISH: \$ 0. \$ 71546. \$ 0. \$ 156729. PAC TOTAL: W/SAR \$ 85183. \$ 39922. ATL \$ 50589. \$ 66218.\$ 141598. PAC \$ 34594. TOTAL: WO/SAR \$ 85183. \$ 31624. \$ 56415. \$ 50589. \$ 33384. 83973 AIL 34594. PAC \$ 23030. \$ 57624. BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL \$ 23931. COMM: \$ 10680. \$ 13251. ATL \$ 6405. \$ 7947. 14353 4275. 9579. PAC 5304. O. O. O. 0. 0. 0. FISH: \$ ATL \$ \$ \$ PAC \$ 13251. \$ 7947. \$ 23931. \$ 14353. \$ 9579 \$ 10680. TOTAL: ATL 6405. 4275. \$ 7947. \$ 5304. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST 0. 1797 COMM: \$ -109226. -64932 ATL 0.1810 \$ -44294. PAC 0.1778 \$ 0. \$ 0. NOT APPLICABLE FISH: NOT APPLICABLE ATL PAC NOT APPLICABLE \$ **\$** -132797. TOTAL: W/SAR 0. 1527 \$ -76158 \$ -56639.

0.1586

0. 1447

0.1690

0.1709

-20619

-6628

-1035

-5593

The state of the s

5 1 B 2A

TOTAL: WO/SAR

PAC

EP1RB 2182 KHZ

0.3608

0.8364

0. 9555

1 B 2B

GOVT COST: AC&1 \$

PAC

EP1RB 121, 5/243A/CO

0

ALERTING ONLY

-7006.

The same and the s

-8211.

1556

2284

-728.

The way the second of the seco

7 1 B 20S

PAC

ATL

PAC

TOTAL: WO/SAR

EPIRB121, 5/243 OS

0. 6511

1. 0417

1. 1072

```
GOVT COST: AC&1 $ 99480000.
                                    ANNUAL 0&M $ 659000.
            UNIT COST $ 250. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM $ 241. TO $ 230. NUMBER OF PRODUCERS 8.
USER COST: UNIT COST $ 250. QUANTITY OF 3000.
SYSTEM EFFECTIVENESS: ALERTING 0. 4927
         ES=0. 980 ET=1. 000 EA=0. 995
                                                    EP=1, 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 750 ET=1, 000 EA=0, 995
                                                     EP=1, 000
    FEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985: TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                           MAINTAIN WATCH
                                                         O. PERCENT
    AIRCRAFT MONITOR:
                                  YES
                                                           100. PERCENT
COST: ($000)
                    A C & I
                                           PVO&E
                                                                  TOTAL
                    $
                                                4049.
    GOVT:
                        90436.
                                                                      94486
                    $
                         50242.
                                                 2250.
                                                                      52492.
     ATL
                                                                      41994
     PAC
                         40194.
                                                1800
    SAR
                                               14034.
                                                                      14034.
     ATL
                                                6551.
                                                 7483.
     PAC
                          5243.
    COMM:
                                                3271.
                                                                       8514.
     ATL
                          3122.
                                                1948.
                                                                       5069.
                                                1324.
     PAC:
                    $
                          2121
                                                                       3445.
    FISH:
                          2245.
                                               1506.
                                                                       3751.
     ATL
                          1376.
                                                 922.
                                                                        2298.
                                                583.
     PAC
                          870.
                                                                       1453.
                                           $
    TOTAL: W/SAR $
                         97924.
                                               22860.
                                                                  $ 120784
     ATL
                         54739.
                                               11671.
                                                                      66411
     PAC
                         43185.
                                               11189.
                                                                      54374
     TOTAL: WO/SAR $
                         97924.
                                                                  $ 105750.
                                                8826.
     ATL
                         54739.
                                                 5120
                                                                      59859
     PAC
                    $
                         43185.
                                           $
                                                 3706
                                                                      46891
BENEFITS: ($000) FATALITIES
                                          PROP DAMAGE
                                                                 TOTAL
    COMM:
                    $
                        11620.
                                           $
                                               14418.
                                                                      26038.
                          6917.
     ATL
                                                8583.
                                                                      15500.
                          4703.
                                                5835
     PAC
                                                                      10539
    FISH:
                    $
                          5031.
                                                 7847.
                                                                      12878
                                                4932.
     ATL
                          3162.
                                                                      8093.
                                                                       4784
                    $
                         1869
                                                2915.
     PAC
    TOTAL:
                    $
                         16651.
                                               22265.
                                                                      38916.
     ATL
                        10079.
                                               13514.
                                                                      23593.
                          6572.
     PAC
                                                 8751.
                                                                      15323.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                            BENEFITS MINUS COST:
    COMM:
                                   3. 0583
                                                                 17525
     ATL
                                   3. 0576
                                                                  10430.
     PAC
                                   3, 0595
                                                                   7094
    FISH:
                                                                   9127
                                   3. 4335
     ATL
                                   3. 5219
                                                                   5795
     PAC
                                   3. 2936
                                                                   3332.
    TOTAL: W/SAR
                                   0.3222
                                                                -81868
     ATL
                                   0.3553
                                                                -42817
     PAC
                                   0.2818
                                                                 -39051
    TOTAL: WO/SAR
                                   0.3646
                                                                 -67834
     ATL
                                   0.3941
                                                                 -36266
     PAC
                                   0. 3268
                                                                 -31568
```

EP1RB 121, 5/243 08

1 B 2CD

```
GOVT COST: AC&I $ 56830000.
                               ANNUAL 0&M $ 317000.
USER COST: UNIT COST $ 250. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM $ 229. TO $ 218. NUMBER OF PRODUCERS 6
SYSTEM EFFECTIVENESS: ALERTING 0, 4696
                                        EP=1.000
SHORE: ES=0. 944 ET=1. 000 EA=0. 995
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                     MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022
                                                     O. PERCENT
                         FROM 10000, TO 10366.
    FISHING VESSELS:
                                                       O. PERCENT
                               NO
    AIRCRAFT MONITOR:
                                                       O. PERCENT
COST: ($000)
                                       PV 0 & E
                  1 & 0 A
                                                            TOTAL
                  $ 51664.
   GOVT:
                                                            $ 53611
                                       $
                                          1948.
     ATL
                      28702.
                                            1082.
                                                            $
                                                                29784
                     22962.
                                                                23827.
     PAC
                                            866.
                                                            $ 23827.$ 12684.
    SAR
                                           12684.
                                       $
     ATL
                                            5564.
     PAC
                                            7120.
    COMM:
                  $ 4972.
                                           3102.
                                                              8074
                                       $
                     2960.
                                          1847.
     ATL
                  $
                                                                4807
                                           1255.
1428.
                       2011.
                                                                 3267
    FISH:
                      2129.
                                                                3557
                                       $
                                                            $
     ATL
                     1304.
                                           875.
                                                               2179
                  $ 58764.
     PAC
                        825.
                                       $
                                             553.
                                                                 1378
    TOTAL: W/SAR $
                                       $ 19162.
                                                                77976
                                          9368.
     ATL
                      32967.
                                                            $ 42335.
                      25798.
                                            9793.
     PAC
                                                              65242.
    TOTAL: WO/SAR $
                      58764
                                       $
                                           6478.
                                                               36771
     ATL
                  $
                      32967.
                                            3804.
                      25798.
     PAC
                                            2674.
                                                                28471
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                                           $ 24702.
$ 14655.
                  $ 11024.
                                       $
                                          13678.
     ATL
                  $
                       6540
                                       $
                                           8115.
     PAC
                       4483.
                                           5563.
                                                               10046
                                                               12202.
    FISH:
                       4767.
                                       $
                                            7435.
                                                                7649
                       2988.
     ATL
                                       $
                                           4661
     PAC
                       1779.
                                           2774.
                                                                4553
    TOTAL:
                      15791.
                                           21113.
                                                                36904.
                      9529.
                                                                22305
     ATL
                                           12776
     PAC
                     6262.
                                           8337.
                                                              14599.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
    COMM:
                                3. 0594
                                                          16628.
     ATL
                                3, 0485
                                                             9848.
     PAC
                                3. 0755
                                                      $
                                                            6780
    FISH:
                                3, 4306
     ATL
                                3, 5102
                                                             5470.
     PAC
                                3. 3047
                                                             3175
    TOTAL: W/SAR
                                0.4736
                                                          -41022
                                0. 5269
                                                           -20030.
     ATL
                                0. 4102
     PAC
    TOTAL: WO/SAR
                                0.5656
                                                          -28339
     ATL
                                0.6066
                                                           -14466
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-13873

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1 B 2DS EPIRB 406 MHZ GS

0.5128

PAC

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USER COST: UNIT COST $ 250. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 229. TO $ 218. NUMBER OF PRODUCERS 6.
SYSTEM EFFECTIVENESS: ALERTING 0. 4696
SHORE: ES=0, 944 ET=1, 000 EA=0, 995 EP=1, 000
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                     MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985, TO 27022.
FISHING VESSELS: FROM 10000, TO 10366.
                                                       O. PERCENT
                                                       O. PERCENT
                              NO
    AIRCRAFT MONITOR:
                                                       O. PERCENT
COST: ($000)
                  A C & I
                                       PV 0 & E
                                                            TOTAL
                                                           $ 104467
   GOVT:
                  $ 100418.
                                           4049.
                                       $
    ATL
                  $ 55788.
                                       $
                                            2250.
                                                            $
                                                               58037.
                  $ 44630.
                                                              46430.
                                            1800.
    SAR
                                           12684.
                                                              12684.
                                       $
    ATL
                                       $
                                            5564.
    PAC
                                            7120.
                                                               8074.
                     477-
2960.
    COMM
                                       $
                                            3102.
                                                           $
    ATL
                                       $
                                            1847.
                                                            $
                                                                4807
                      2011.
    PAC
                                           1255.
                                                                3267.
                                                               3557.
2179.
1378.
    FISH.
                                           1428.
                     2129.
1304.
                                       $
                                           875.
553.
    ATL
                                       $
     PAC
                        825.
                                       $
                                         21263.
    TOTAL: W/SAR $ 107519.
                                       $
                                                           $ 128782.
     ATL
                      60053.
                                       $
                                           10536.
                                                                70588.
                                         10727.
    PAC
                     47466.
                                                               58194.
    TOTAL: WO/SAR $ 107519.
                                          8579.
                                                           $ 116098.
                                       $
                  $
                     60053.
                                            4972.
                                                               65024.
                                                              51074
                      47466.
     PAC
                                           3608.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                                           $ 24702.
   COMM:
                  $ 11024.
                                      $ 13678.
                                                               14655
                      6540.
    ATL
                                            8115.
                                                              10046.
12202.
    PAC
                       4483.
                                            5563.
                      4767.
    FISH:
                                            7435
                                                               7649.
    ATL
                     2988.
                                           4661.
                       1779.
                                                                 4553.
     PAC
                                            2774
                  $ 15791.
    TOTAL:
                                           21113.
                                                               36904.
                                                              22305.
                      9529.
    ALL
                                          12776.
     PAC
                       6262.
                                            8337.
                                                               14599.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
    COMM:
                                3. 0594
                                                          16628.
                                3.0485
                                                            9848
    ATL
     PAC
                                3.0755
                                                       $
                                                           6780
                                                           8645
    FISH:
                                3. 4306
                               3. 5102
                                                            5470.
    ATL
                                                      $
    PAC
                                3. 3047
                                                            3175
    TOTAL: W/SAR
                               0. 2866
                                                          -91878
    ATL
                               0.3160
                                                          -48283
    PAC
                               0. 2509
                                                          -43595
    TOTAL: WO/SAR
                               0. 3179
                                                          -79195.
    ATL
                               0.3430
                                                          -42719
     PAC
                                0. 2858
                                                         -36475
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ANNUAL 0&M \$ 659000.

EPIRB 406 MHZ GS

ALERTING ONLY

A CONTRACTOR OF CHARLES BY CHARLES CONTRACTOR THAT IS NOT THE

1 B 200

GOVT COST: AC&I \$ 110460000.

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767200.
GOVT COST: AC&I $
                     552000.
                                 ANNUAL 08M $
USER COST: UNIT COST $ 3000. QUANTITY OF 3651. LEARNING FACTOR 0.85
           PURCHASE PRICE: FROM $ 2973. TO $ 2736. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: ALERTING 0. 4296
SHORE: ES=0, 980 ET=0, 996 EA=0, 995
                                                 EP=0, 000
PASS SHIP: ES=0. 980 ET=1. 000 EA=0. 995
                                                 EP=1, 000 ALERTING RANGE= 27, N. M.
SYSTEM CARRIAGE AND WATCH:
                              CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
                                                      100. PERCENT
                          FROM
                                            Ο,
                                                        O. PERCENT
    FISHING VESSELS:
                                    O. TO
    AIRCRAFT MONITOR:
                                                         O. PERCENT
                                       PV 0 & E
COST: ($000)
                                                            TOTAL
                  A C & I
    GOVT:
                   $
                         502.
                                             4714.
                                                                 5216.
                         279.
                                                                  2898.
    ATL
                                             2619.
                                             2095
                                                                  2318.
     PAC
                         223.
                                        $
    SAR
                                            15326.
                                                                 15326.
     ATL
                                             5948.
                                             9378.
    PAC
    COMM:
                       64299.
                                          40194.
                                                              104493.
     ATL
                       38285.
                                            23932.
                                                                 62217.
                                                                 42276.
    PAC
                       26014.
                                           16262.
                                                             $
    FISH:
                           O.
                                            Ο.
                                                                     0
                                                                     Ō.
    ATL
                           O.
                                        $
                                                Ο.
                                                             $
                                                                     0
    PAC
                          O.
                                        $
                                               O
                                                             $
                                        $ 60234.
    TOTAL: W/SAR
                      64801.
                                                             $ 125035.
     ATL
                       38564.
                                            32499.
                                                                 71063.
                                                                 53972.
     PAC
                       26237
                                            27735
                                                              109709.
    TOTAL: WO/SAR $
                       64801.
                                            44908.
                  $
                       38564.
                                            26551.
                                                                 65115.
     ATL
     PAC
                       26237.
                                       $
                                            18357.
                                                                 44594
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                             TOTAL
                                                                25873.
    COMM:
                   $
                     11547
                                       $
                                           14326.
                                                            $
                        6960.
                                             8636.
                                                                 15596.
     PAC
                        4586.
                                             5690.
                                                                 10277.
                        Ο.
                                             Ο.
                                                                    0
    FISH:
     ATL
                           O.
                                                O.
                                                                     O.
                          O.
                                               O.
                                                                     Q.
     PAC
                       11547.
                                            14326.
                                                                 25873.
    TOTAL:
                                       $
                        6960.
                                            8636.
                                                                 15596.
     ATL
     PAC
                        4586.
                                             5690.
                                                                 10277.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                                          -78620.
                                0. 2476
                                                       $
     ATL
                                0. 2507
                                                            -46621
     PAC
                                0. 2431
                                                          -31999
                             NOT APPLICABLE
    FISH:
     ATL
                             NOT APPLICABLE
                                                       $
                                                                0
                             NOT APPLICABLE
     PAC
                                                           -99162
    TOTAL: W/SAR
                                0. 2069
                                0. 2195
                                                          -55466.
     ATL
                                0.1904
                                                           -43695
    PAC
    TOTAL: WO/SAR
                                0. 2358
                                                           -83836.
                                                           -49519.
     ATL
                                0. 2395
                                                            -34317.
                                0. 2305
     PAC
```

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SUR 500 KHZ

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SUR 2182 KHZ

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SUR 8364 KHZ

MEASURES OF EFFECTIVENES	S BENEFIT COST RATIO:	BENEFITS M
COMM:	0. 6729	\$ -12742
ATL	0. 6726	\$ -7595
PAC	0. 6734	\$ -5148
FISH:	0. 7555	\$ -4196
ATL	0. 7745	\$ -2372
PAC	0. 7255	\$ -1824
TOTAL: W/SAR	0. 5005	\$ -39109
ATL	0. 5349	\$ -20645
PAC	0. 4554	\$ -18464
TOTAL: WO/SAR	0. 6069	\$ -25379
ATL	0. 6184	\$ -14655
PAC	0. 5901	\$ -10724

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ANNUAL 0&M $ 767200.
GOVT COST: AC&I $
                   552000.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651. LEARNING FACTOR 0.82
           PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4999
S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.990 EP=GEOGRAPHIC
PASS SHIP: ES=0, 990 ET=1,000 EA=0,995 EL=0,990 EP=1,000 LOCATING RANGE=270 N.M.
SYSTEM CARRIAGE AND WATCH:
                              CARRIAGE
                                                     MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022
                                                     100. PERCENT
                                                      PERCENT
   FISHING VESSELS:
                          FROM
                                   O. TO O.
    AIRCRAFT MONITOR:
                                                       O. PERCENT
COST: ($000)
                                      PVOSE
                                                           TOTAL
                  1 & 0 A
   GOVT:
                        502.
                                            4714.
                                                                5216
                  $
    ATL
                  $
                        279.
                                            2619.
                                                           $
                                                                2898.
                                            2095.
                                                                2318.
    PHO
                  $
                        223.
                                       $
                                                           $
   SAR
                                         13051.
                                                               13051
                                          5778.
7273.
    ATL
                                       $
    PAC
                                      $
   COMM:
                  $ 362944.
                                      $ 227077.
                                                           $ 590021
                  $ 216104.
$ 146840.
    ATL
                                      $ 135206.
                                                           $
                                                              351310.
                                                              238711
    PAC
                                      $
                                         91871.
                                                           #
   FISH:
                  $
                                       $
                                           0.
                                                                   0
                         O.
                                                                   O
    ATL
                  $
                          O.
                                       $
                                              O.
                                                           $
                                             O.
    PAC
                  $
                         O.
                                      $
                                                           $
                                      $ 244842.
$ 143603.
$ 101239.
    TOTAL: W/SAR $ 363446.
                                                             608288
                  $
                     216383.
                                                           $
                                                              359986.
    ATL
                    147063.
     PAC
                  $
                                                           $
                                                              248302
                                       $ 231791.
    TOTAL: WOZSAR $
                    363446.
                                                              595237.
                                      $ 137825.
                  $
                     216383.
                                                           $
                                                              354208
    ATL
     PAC
                  $ 147063.
                                      $
                                          93966.
                                                           $
                                                              241029
BENEFITS: ($000) FATALITIES
                                      PROP DAMAGE
                                                           TOTAL
                                                               26298
                                      $ 14562.
   CUMM:
                  $
                     11736.
                                                           $
                       6963.
                  $
                                            8640.
                                                           $
                                                               15603.
                                                               10696
     PAC
                  $
                       4773.
                                            5922.
                                                           $
                                           0.
0.
    FISH:
                       O.
                                                                 0
                  $
                                      $
                                                           $
     ATL
                  $
                          O.
                                                           $
                                                                   O
                  $
                          O.
                                              O.
                                                           $
     PAC
                                         14562.
                                                               26298
    TOTAL:
                      11736.
                  $
                                                           $
     ATL
                  $
                      6963.
                                            8640.
                                                               15603.
     PAC
                       4773.
                                            5922.
                                                               10696
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
   COMM:
                               0.0446
                                                      $ -563723.
                               0. 0444
                                                        -335708
     ATL
     PAC
                               0.0448
                                                      $
                                                        -228015
   FISH:
                            NOT APPLICABLE
                                                           0.
                            NOT APPLICABLE
    ATL
                                                      $
                                                               O.
                            NOT APPLICABLE
     PAC
                                                      $ -581990.
    TOTAL: W/SAR
                               0.0432
                               0.0433
                                                        -344383
    ATL
                               0.0431
                                                      $ -237607
     PAC
                                                      $ -568939.
    TUTAL: WO/SAR
                               0.0442
                                                      $ -338605.
    ATL
                               0.0440
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LOCATING ONLY

\$ -230334.

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GOVT COST: AC&I $
                                   ANNUAL O&M $
                       821000.
                                                  3677000.
USER COST: UNIT COST $ 1500. QUANTITY OF 2821.
                                                        LEARNING FACTOR 0.85
            PURCHASE PRICE: FROM $ 1490. TO $ 1404. NUMBER OF PRODUCERS 10.
SYSTEM EFFECTIVENESS: LOCATING 0. 4451
S&R UNITS: ES=0. 907 ET=0. 996 EA=0. 995 EL=0. 880 EP=GEOGRAPHIC
PASS SHIP: ES=0.907 ET≈1.000 EA=0.995 EL=0.880 EP=1.000 LOCATING RANGE= 70.N M.
SYSTEM CARRIAGE AND WATCH:
                                                         MAINTAIN WATCH
                                  CARRIAGE
                          FROM 18985.TO 27022.
FROM 10000.TO 10366.
NO
    COMMERCIAL SHIPS:
                                                          10. PERCENT
    FISHING VESSELS:
                                                          90. PERCENT
    AIRCRAFT MONITOR:
                                                           O. PERCENT
COST: ($000)
                   AC&I
                                         PV 0 & E
                                                               TOTAL
                                                               $ 23340.
    GOVT:
                   $
                          746.
                                             22594.
                          415.
     ATL
                                              12552.
                                                                    12967.
     PAC
                          332.
                                              10042.
                                                               $
                                                                    10373
                                                                    13228.
    SAR
                                             13228.
     ATL
                                               5843
     PAC
                                               7385.
    COMM
                       32321.
                                             20181.
                                                                    52501.
     ATL
                       19244.
                                             12016
                                                               $
                                                                    31260
     PAC
                        13076.
                                               8165.
                                                               $
                                                                    21241
    FISH:
                       13857.
                                               9293.
                                                                    23151.
                         8490.
                                               5694.
     ATL
                                         $
                                                                    14184
     PAC
                         5367.
                                               3599.
                                                                     8966.
    TOTAL: W/SAR
                       46925.
                                             65295.
                                                                   112220.
     ATL
                        28149.
                                              36105.
                                                               $
                                                                    64254
     PAC
                        18775.
                                              29190.
                                                               $
                                                                    47965.
    TOTAL: WO/SAR $
                        46925.
                                              52068.
                                                                    98992.
                                                                    58411
     ATL
                   $
                        28149.
                                              30262.
     PAC
                        18775.
                                              21806.
                                                               $
                                                                    40581
BENEFITS: ($000)
                   FATALITIES
                                         PROP DAMAGE
                                                               TOTAL
    COMM:
                   $
                       11408.
                                         $
                                             14154.
                                                               $
                                                                    25562.
     ATL
                         6945.
                                               8616.
                                                                    15561.
                         4463.
                                               5538.
                                                                    10001
     PAC
    FISH:
                         5046.
                                               7871.
                                                                    12917
                         3181.
                                               4962.
     ATL
                                                                    8143
     PAC
                        1865.
                                               2909
                                                                    4774
                                                                    38479
    TOTAL:
                        16454.
                                              22025.
                        10126.
                                                                    23704.
     ATL
                                              13578
     PAC
                         6328.
                                               8447.
                                                                    14775.
                                                          BENEFITS MINUS COST:
MEASURES OF EFFECTIVENESS
                              BENEFIT COST RATIO:
    COMM:
                                  0.4869
                                                          $
                                                              -26939.
     ATL
                                  0. 4978
                                                              -15699
                                  0.4708
     PAC
                                                              -11240
                                                          $
    FISH:
                                  0.5580
                                                              -10234
     ATL
                                  0. 5741
                                                               -6042
                                  0.5325
                                                               -4192
     PAC
                                                          $
    TOTAL: W/SAR
                                  0.3429
                                                              -73741
     ATL
                                  0.3689
                                                              -40551
     PAC
                                                              -33190
                                  0.3080
    TOTAL: WO/SAR
                                  0.3887
                                                              -60513.
     ATL
                                  0.4058
                                                              -34708.
                                  0.3641
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INST 2182 RPT LOC

LOCATING ONLY

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PAC:

GOVT COST: AC&I \$ ANNUAL 0&M \$ TARIFF SERVICE USER COST: UNIT COST \$ 48300. QUANTITY OF 200. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM \$ 26322. TO \$ 23792. NUMBER OF PRODUCERS 3. SYSTEM EFFECTIVENESS: LOCATING 0. 4901 S&R UNITS: ES=0, 999 ET=0, 996 EA=0, 995 EL=0, 990 EP=1, 000 PASS SHIP: NOT GUARDED SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH COMMERCIAL SHIPS: FROM 5000. TO 7117. O. PERCENT O. FISHING VESSELS: FROM O. TO O. PERCENT AIRCRAFT MONITOR: O. PERCENT COST: (\$000) PV 0 & E TOTAL GOVT: 117. \$ O. \$ 117 ATL \$ O. 65 \$ 65 PAC O. 52. 52. SAR 12672. 12672. ATL 5558. PAC 7114. 243314. COMM: 149671. 93642. 55756. 144874 ATL 89117. PAC 60554. 37886. 98440. O. O. 0. FISH: 0 ATL \$ O. O. PAC O. 0 \$ 256103. \$ 150496. TOTAL: W/SAR \$ 149671. 106431. ATL \$ 89117. 61379. PAC 60554. 45052. \$ 105606 TOTAL: WO/SAR \$ 149671. 93759. 243430. 144939 55821. ATL \$ 89117. \$ PAC 60554. 37938. 98492. BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL COMM: \$ \$ 3759. 6788. 3030. ATL \$ 1797. 2230. 4028. 2761. 1529. PAC \$ 1232. FISH: 0. O. 0 ATL 0. O. O. PAC 0 0 \$ O 6788. TOTAL: 3030. 3759. ATL 1797. 2230. 4028. PAC 1232. 1529. 2761 MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST: COMM: 0. 0279 **\$** -236525. ATL 0.0278-140846. PAC 0.0280-95679 NOT APPLICABLE FISH \$ O. ATL NOT APPLICABLE O. PAC NOT APPLICABLE 0 -249314. TOTAL: W/SAR 0.0265 \$ ATL 0.0268 -146469 PAC 0.0261\$ -102845.TOTAL: WO/SAR 0.0279 -236642. 0.0278 -140911 ATL PAC 0.0280 -95731

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LOCATING ONLY

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GOVT COST: AC&I \$ 3600000. ANNUAL 0&M \$ 841000. USER COST: UNIT COST \$ 8520. QUANTITY OF 225. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM \$ 3794. TO \$ 3429. NUMBER OF PRODUCERS 5. SYSTEM EFFECTIVENESS: LOCATING 0. 4350 S&R UNITS: ES=0, 968 ET=0, 996 EA=0, 995 EL=0, 990 EP=GEOGRAPHIC PASS SHIP: NOT GUARDED SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH COMMERCIAL SHIPS: FROM 18985 TO 27022. O. PERCENT FISHING VESSELS: 0. TO 0. FROM O. PERCENT NO AIRCRAFT MONITOR: O. PERCENT COST: (\$000) 1 & 0 A PV 0 & E TOTAL 5168. GOVT. \$ 3273. \$ 8440. \$ ATL \$ 1818. 2871. \$ 4689 1455. 2297. 3751 PAC \$ SAR 15292. 15292 ATL 6618. PAC 8674. 81910. 51247. 133157 COMM: ATL 48771. 30514. \$ 79284 \$ 33139. 53873. PAC 20734. 0. 0. FISH: \$ # ATL \$ PAC O. O. \$ 71707. TOTAL: W/SAR 85183. \$ 156889. \$ \$ ATL 50589. 40003. 90592 PAC 34594. 31704. 66298. TOTAL: WO/SAR \$ 85183. 56415. \$ 141598. 50589. 83973. ATL 33384. 34594. 23030. 57624. PAC \$ \$ BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL COMM: \$ 13119. 23692. \$ 10573 \$ ATL \$ 6341. \$ 7868. \$ 14209. PAC 4232. 5251. 9483. O. 0. FISH: \$ \$ # 0. 0. 0. 0. ATL \$ \$ 0 PAC 10573. 13119. 23692. TOTAL: \$ ATL \$ 6341. 7868. 14209. PAC 4232. 5251. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST: COMM: 0. 1779 \$ -109465 -65075. ATL 0.1792 PAC 0.1760 -44390 NOT APPLICABLE FISH: 0 NOT APPLICABLE ATL 4 0 PAC NOT APPLICABLE \$ TOTAL: W/SAR 0.1510 \$ -133198. -76383. ATL 0.1568 PAC 0.1430 \$ -56815. TOTAL: WO/SAR 0.1673 -117906. -69764. 0.1692 ATL

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RPT LOC

LOCATING ONLY

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GOVT COST: AC&I $ 12 000.
                                ANNUAL 0&M $ 806000.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651.
                                                    LEARNING FACTOR 0.82
           PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4983
S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.980 EP=GEOGRAPHIC
PASS SHIP: ES=0 990 ET=1.000 EA=0.995 EL=0.980 EP=1.000 LOCATING RANGE=200.N.M.
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                    MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
                                                    100. PERCENT
    FISHING VESSELS:
                         FROM
                                   0. 10 0.
                                                     O. PERCENT
    AIRCRAFT MONITOR:
                            NO
                                                      O. PERCENT
COST: ($000)
                 A C & I
                                      PV 0 & E
                                                          TOTAL
                                        4953.
                 $ 1091.
                                                          $ 6043
    GOVT:
    ATL
                  $
                       606.
                                      $
                                           2751.
                                                          $
                                                               3357
     PAC
                        485
                                      $
                                           2201.
                                                          $
                                                               2686
                                        13065.
                                                              13065
                                         5785.
7280.
    411
                                      $
     PAC
                                      $
                  $ 362944.
                                      $ 227077.
                                                             590021
    COMM:
                 $ 216104.
                                      $ 135206.
                                                             351310.
    ATL
                                                          $
     PAC
                  $
                    146840.
                                         91871.
                                                          $
                                                             238711.
                                        0.
0.
0
                     0.
    FISH:
                         O
                                                                  0
    ATL
                  $
                                      $
                                                          $
     PAC
                  $
                         Ŏ.
                                      $
                                             O.
                                                          $
    TOTAL: W/SAR $
                    364035.
                                      $ 245095.
                                                          $
                    216710.
                                      $ 143743.
$ 101352.
                                                             360453
     ATL
                                                          #
                  $
     PAC
                  $
                    147325.
                                                          $
                                                             248677
    TOTAL: WOZSAR $
                   364035.
                                      $ 232030.
                                                            596065.
                                      $ 137958.
                                                             354668.
                  $ 216710.
     ATL
                                                          •
     PAC
                  $
                    147325.
                                      $
                                         94072
                                                          $
                                                            241397
                                      PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                          TOTAL
                                                              26297
    COMM:
                  $
                     11736.
                                      $
                                         14561
                                                          $
     ATL
                  $
                      6963.
                                          8640
                                                              15603.
                                                              10694
                       4773.
     PAC
                                           5921
                  $
                                                          4
                       O.
                                           Q.
    FISH:
                  $
                                                                 O.
                  $
                         O.
                                             O.
                                                                  O.
    ATL
                        O.
                                           Q.
                                                                  O.
     PAC
                  $
                                                          $
                                        14561.
                                                              26297.
    TOTAL:
                  $
                      11736.
                                                          $
     ATL
                      6963.
                                         8640.
                                                              15603.
                                                              10694
                      4773.
                                          5921.
     PAC
                            BENEFIT COST RATIO:
                                                     BENEFITS MINUS COST
MEASURES OF EFFECTIVENESS
    COMM:
                                                     $ -563725.
                               0. 0446
     ATL
                               0.0444
                                                       -335708
     PAC
                               0.0448
                                                       -228017
                            NOT APPLICABLE
    FISH:
                                                             0
     ATL
                            NOT APPLICABLE
                                                              O.
                            NOT APPLICABLE
     PAC
    FOTAL: W/SAR
                               0.0432
                                                     s -582833
     ATL
                               0.0433
                                                       -344850
     PAC
                               0.0430
                                                       -23/983
    TOTAL: WO/SAR
                               0.0441
                                                     $ -569768.
                                                     $ -339065.
     ATL
                               0. 0440
```

LOCATING ONLY

\$ -230703.

service appear to be standarding appearing to

2 B 2A

PAC

INST 500, SHORE OF

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20
      2 B 2B
                  INST HF,
                             SHORE DF
                                                     LOCATING ONLY
GOVT COST: AC&I $
                                ANNUAL 08M $
                                                10000
USER COST: UNIT COST $ 8520. QUANTITY OF 225.
                                                    LEARNING FACTOR 0.82
           PURCHASE PRICE: FROM $ 3794. TO $ 3429. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4328
S&R UNITS: ES=0. 968 ET=0. 996 EA=0. 995 EL=0. 985 EP=GEOGRAPHIC
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH:
                             CARRIAGE
                                                     MAINTAIN WATCH
    COMMERCIAL SHIPS: FRUM 18985. TO 27022.
                                                       O. PERCENT
    FISHING VESSELS:
                          FROM
                                   0. 10 0.
                                                       O. PERCENT
    AIRCRAFT MONITOR:
                                                       O. PERCENT
COST: ($000)
                  A C & I
                                      PV 0 & E
                                                           TOTAL
    GOVT:
                                            61.
                                                                  61
    ATL
                  $
                          O.
                                       $
                                              34
                                                           $
                                                                  34
    PAC
                          O.
                                       $
                                              27.
                                                           $
                                                                  27
                                          15445.
    SAR
                                                               15445.
    ATI
                                           6.6.6.1
    PAC
                                           8785.
                    81910.
                                         51247.
                                                           $ 133157
    COMM:
                                                               79284.
    ATL
                      48771.
                                          30514.
    PAC
                      33139.
                                           20734.
                                                           $
                                                               53873.
    FISH:
                       O.
                          O.
                                      $
                                                                   O.
    ATL
                                              Ο.
                                                           $
                                            O.
    PAC
                          O.
                                      $
                                                           $
                                                                   O.
    TOTAL: W/SAR $
                      81910.
                                      $ 66754.
                                                           $ 148664.
                                      $ 37208.
$ 207
                                                               85979
    ATL
                  $
                      48771
     PAC
                      33139.
                                                               62685
    TOTAL: WO/SAR $
                      81910.
                                          51309.
                                                             133219
                                           30548.
                                                               79319
    ATL
                  $
                      48771
     PAC
                      33139.
                                           20761
                                                               53900.
BENEFITS: ($000) FATALITIES
                                      PROP DAMAGE
                                                           TOTAL
    COMM:
                  $
                     10520.
                                       $ 13052.
                                                              23572
                                           7828.
                                                               14137.
    ATL
                      6309
    PAC
                       4211.
                                            5224.
                                                                9435
                       0.
                                            Ο.
    FISH:
                                                                   0.
                                                                   0.
    ATL
                                              0
                                                                   O.
    PAC
                        O.
                                             O.
    TOTAL:
                      10520.
                                           13052.
                                                               23572.
                       6309.
    ATL
                                           7828.
                                                               14137
     PAC
                       4211.
                                            5224.
                                                                9435
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
    COMM:
                               0. 1770
                                                      $ -109585.
                               0.1783
                                                         -65147
     ATL
                               0. 1751
                                                         -44438
    PAC
    FISH:
                            NOT APPLICABLE
                                                               O.
                            NOT APPLICABLE
                                                      $
     ATL
                                                               O.
                            NOT APPLICABLE
    PAC
                                                      $
```

0.1586

0. 1644

0.1505

0.1769

0.1782

0.1750

TOTAL: W/SAR

TOTAL: WO/SAR

ATL

PAC

ATL

PAC

-125092

-71842.

-53250.

\$ -65181. \$ -44465.

A SECTION OF THE PARTY OF THE PROPERTY OF THE PARTY OF TH

-109646.

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GOVE COST: AC&I $ 1470000.
                                ANNUAL 08M $
USER COST: UNIT COST $ 17000. QUANTITY OF 3651.
                                                    LEARNING FACTOR 0, 82
           PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4981
S&R UNITS: ES=0. 990 ET=0. 996 EA=0. 995 EL=0. 950 EP=GEOGRAPHIC
PASS SHIP: ES=0. 990 ET=1. 000 EA=0. 995 EL=0. 950 EP=1. 000 LOCATING RANGE=200. N. M.
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                     MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
                                                     100. PERCENT
   AIRCRAFT MONITOR: FROM
                                    O. YO O.
                                                       O. PERCENT
                                                       O. PERCENT
                  A C & I
COST: ($000)
                                      PV 0 & E
                                           431.
    GOVT:
                  $ 1336.
                                                                 982
                        742.
                                            240
    ATL
                  $
                                       $
                                           192.
                                                                 786
    PAC
                  $
                        594.
                                       $
                                         13065.
                                                           $ 13065.
    SAR
                                          5785.
    ATL
                                       $
     PAC
                                       $
                                           7280.
                                      $ 227077.
                                                           $ 590021.
    COMM:
                  $ 362944.
                                                           $ 351310.
                  $ 216104.
                                      $ 135206.
    ATL
     PAC
                  $
                     146840.
                                      $
                                          91871.
                                                           $
                                                              238711.
                     0.
                                      $ 0.
$ 0.
    FISH:
                                            0.
0.
    ATL
                  $
     PAC
                  $
                         O.
                                       $
                                                           $
                                      $ 240573.
    TOTAL: W/SAR $ 364280.
                                                           $ 604854
                                                           $ 358078.
                  $ 216847.
$ 147434.
                                      $ 141231.
     ATL
                                      $
                                          99342.
                                                              246776
     PAC
    FOTAL: WO/SAR $ 364280.
                                                           $ 591789.
                                      $ 227508.
                                                           $ 352292
                  $ 216847.
$ 147434.
                                       $ 135446.
     HTL
                                       $
                                          92063.
                                                              239497
     PAC
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                           TUTAL
                                                              26296.
    COMM:
                  $
                     11736.
                                       $
                                          14561.
                                                              15603
                       6963.
                                           8640.
                                                               10694
                                            5921.
                       4772.
     PAC
                                            O.
                                                                O.
    FISH:
                        O.
                                       $
                                           0.
0.
    ATL
                          O.
                       O.
                                                                   O.
     PAC
                                           14561.
                                                              26296.
    TOTAL:
                      11736.
                      6963.
                       4772.
                                            5921.
                                                               10694
    PAC
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
                                                      $ -563725.
$ -335708.
    COMM
                               0. 0446
     ATL
                               0. 0444
                               0.0448
     PAC
                                                        -228017
    FISH:
                            NOT APPLICABLE
                                                              0
                            NOT APPLICABLE
     ATL
                                                      $
                                                               O.
                            NOT APPLICABLE
                                                      $ -578557
$ -342475
    TOTAL: W/SAR
                               0.0435
                               0.0436
     ATL
                                                      $ -236083
$ -565492
                               0.0433
    PAC
    TOTAL: WO/SAR
                               0. 0444
                               0.0443
                                                      $ ~336690.
     ATL
                               0. 0447
                                                      $ -228803.
     PAC
```

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INST 500, A/C DF/H

LOCATING ONLY

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ATL

PAC

ATL

PAC

ATL

PAC

FOTAL: W/SAR

TOTAL: WO/SAR

0. 5740

0.5304

0. 4057

0. 4362

0 3643

0.4721

0.4891

0. 4469

-6043

-4211

-55987

-30588.

-25399

-42739

-24726.

-18012

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MEASURES OF EFFECTIVENESS	BENEFIT COST RATIO:	BENEFITS MINUS COST:
COMM:	0. 0000	\$ -14001.
ATL	0. 0000	\$ -8337.
PAC	0. 0000	 \$ −5665.
FISH:	0. 0000	\$ -6174.
ATL	0. 0000	\$ -3783.
PAC	0. 0000	\$ -2391
TOTAL: W/SAR	0. 0000	\$ −127483.
ATL	0. 0000	\$ −71014.
PAC	0. 0000	\$ -56468.
TOTAL: WO/SAR	0. 0000	\$ -24424.
ATL	0. 0000	\$ -14480.
PAC	0. 0000	\$ -9944.

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0

O.

ATL

PAC TOTAL:

ATL

PAC

59600. GOVT COST: AC&I \$ 861600. ANNUAL 0&M \$ USER COST: UNIT COST \$ 8520. QUANTITY OF 225. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM \$ 3794. TO \$ 3429. NUMBER OF PRODUCERS 5 SYSTEM EFFECTIVENESS: LOCATING 0. 4284 S&R UNITS: ES=0, 968 ET=0, 996 EA=0, 995 EL=0, 975 EP=GEOGRAPHIC PASS SHIP: NOT GUARDED SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 0. TO 0. O. PERCENT O. PERCENT AIRCRAFT MONITOR: NU O PERCENT COST: (\$000) 1 & 0 A PV 0 & E TOTAL 1149 366. GOVT: \$ 783 \$ \$ ATL 435. 203. 639. PAC 348. 163. \$ 511. 15015. 15015 SAR \$ ATL 6144. PAC 8871. 51247. \$ 133157 81910. COMM: \$ 30514. \$ 20734. ATL 48771. 79284 33139. \$ 53873. PAC 0. 0. \$ 0. \$ 0. \$ 0. FISH: \$ \$ 0. \$ 66629. PAC O. 82693. TOTAL: W/SAR \$ \$ 149322. 49206. \$ 36861. ATL 33487. 29767. 63254. PAC \$ 134307. TOTAL: WO/SAR \$ 82693. 51613. 49206. 30717. 79923 PAC 33487. 20896. 54384 BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL 12920. \$ 23333. COMM: \$ 10413. \$ ATL 6245. 7749 13994. PAC 4168. 5171. 9339. FISH: O. O. O. \$ 0. 0. ATL \$ O. \$ 0. O. PAC TOTAL: 12920. 23333. 10413. ATL 6245. 7749. 13994. 5171. 9339. PAC 4168. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST: COMM: 0.1752 \$ -109824. -65291 ATL 0.1765 PAC 0.1734 -44534 NOT APPLICABLE FISH: ATL NOT APPLICABLE NOT APPLICABLE PAC TOTAL: W/SAR -125989 0.1563 -72074. -53915. ATL 0. 1626

INST HE, A/C DE/H

LOCATING ONLY

\$ -110974. \$ -65929 \$ -45045

THE RESIDENCE OF STREET

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PAC

ATL

PAC

TOTAL: WO/SAR

0.1476

0.1737

0.1751

```
ANNUAL 0&M $
                                               474600.
GOVT COST: AC&I $ 8078686.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651. LEARNING FACTOR 0.82
           PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4981
S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.950 EP=GEOGRAPHIC
PASS SHIP: ES=0, 990 ET=1, 000 EA=0, 995 EL=0, 950 EP=1, 000 LOCATING RANGE=200, N. M.
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
                                                      100. PERCENT
    FISHING VESSELS:
                          FROM
                                                       O PERCENT
                                   O. TO
                                           O.
    AIRCRAFT MONITOR:
                                                        O. PERCENT
                                       PV 0 & E
COST: ($000)
                  A C & I
                                                            TOTAL
    GOVT:
                      7344.
                  $
                                       $
                                           2916.
                                                              10260.
     ATL
                  $
                        4080.
                                            1620.
                                                                 5700.
     PAC
                                                                 4560.
                       3264.
                                       $
                                            1296.
                                                            $
    SAR
                                           13065.
                                                                13065.
                                           5785.
7280.
     ATL
     PAC
                                       $
                                       $ 227077.
$ 135206.
    COMM:
                  $ 362944.
                                                            $ 590021.
     ATL
                     216104.
                                                            $
                                                               351310.
                                                               238711.
     PAC
                  $ 146840.
                                          91871.
                                                            $
    FISH:
                           O.
                                                                    0.
     ATL
                  $
                           O.
                                       $
                                               O.
                                                                    0.
                                                            $
                                       $
     PAF
                          0
                                              O.
                                                            $
                                      $ 243058.
$ 142612.
$ 100447.
$ 229993.
                                                            $ 613347
    TOTAL: W/SAR $ 370288.
                                                            $ 362796.
$ 250551.
     ATL
                  $
                     220184.
     PAC
                  $
                     150104.
    FOTAL: WO/SAR $
                    370288.
                                                            $ 357011.
$ 243271
                  $
                     220184.
                                       $ 136826.
     ATL
     PAC
                  $
                     150104.
                                       $
                                           93167.
                                                            $
                                                               243271.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                                               26296.
   COMM:
                  $ 11736.
                                       $ 14561.
                                                            $
     ATL
                       6963.
                                           8640.
                                                                15603.
                                                                10694.
     PAC
                       4772.
                                            5921.
                                                            $
                       0.
0.
                                            O.
    FISH
                                                            $
     ATL
                                              O.
                                                                    0
     PAC
                          0.
                                               O.
                                                                    O.
                                                            #
                                         14561.
                      11736.
                                                                26296.
    TOTAL:
                                       $
                                                            $
     AIL
                      6963.
                                           8640.
                                                                15603.
     PAC
                       4772.
                                            5921.
                                                                10694.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                0. 0446
                                                       $ -563725.
                                0. 0444
     ATL
                                                       $ -335708.
     PAC
                                0.0448
                                                       $ -228017.
    FISH:
                             NOT APPLICABLE
                             NOT APPLICABLE
     AIL
                                                       $
                                                                O.
     PAC
                             NOT APPLICABLE
    TOTAL: W/SAR
                                0.0429
                                                         -587050.
                                                       $ -347193.
                                0.0430
                                0. 0427
     PAC
                                                       s -239857
    TOTAL: WO/SAR
                                0.0438
                                                       $ -573985.
```

INST 500 SHIP DE/H

LOCATING ONLY

\$ -341408.

\$ -232577.

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ATL

PAC

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USER COST: UNIT COST \$ 1500. QUANTITY OF 2821. LEARNING FACTOR 0.85 PURCHASE PRICE: FROM \$ 1490. TO \$ 1404. NUMBER OF PRODUCERS 10.

SYSTEM EFFECTIVENESS: LOCATING 0. 4295

S&R UNITS: ES=0.907 ET=0.996 EA=0.995 EL=0.800 EP=GEOGRAPHIC

PASS SHIP: ES=0. 907 ET=1. 000 EA=0. 995 EL=0. 800 EP=1. 000 LOCATING RANGE= 60. N. M.

PH35 SHIP. 25-0. 7	O E 1-1. 00	U EH-U. 995 EL	-0. 800 EF-	1. OOO LOCHTIN	O RHNOE- 60.
SYSTEM CARRIAGE A	AND WATCH:	CARRIAGE		MAINTAIN WA	тсн
COMMERCIAL SH		ROM 18985 TO		10. PERCENT	
FISHING VESSE		ROM 10000, TO		90. PERCENT	
AIRCRAFT MONI		NO		O. PERCENT	
COST: (\$000)	A C & I	PV	0 & E	TOTAL	
GOVT:	\$ 5657	. \$	2591.	\$	8248.
ATL	\$ 3143	. \$	1439.	\$	4582.
PAC	\$ 2514	. \$	1152.	\$	3666.
SAR		\$	13456.	\$ 1	3456.
ATL		\$	5867.		
PAC		\$	7589.		
COMM:	\$ 32321	. \$	20181.	\$ 5	2501.
ATL	\$ 19244	. \$	12016.	\$ 3	1260.
PAC	\$ 13076	. \$	8165.	\$ 2	1241.
FISH:	\$ 13857	. \$	9293.	\$ 2	3151.
ATL	\$ 8490	. \$	5694.	\$ 1	4184.
PAC	\$ 5367	. \$	3599.	\$	8966.
TOTAL: W/SAR	\$ 51835	. \$	45521.	\$ 9	7356.
ATL	\$ 30877	. \$	25016.	\$ 5	5894.
PAC	\$ 20958	. \$	20505.	\$ 4	1462.
FOTAL: WO/SAF	8 \$ 51835	. \$	32065.	\$ 8	3900.
ATL	\$ 30877	. \$	19149.	\$ 5	0027.
PAC	\$ 20958	. \$	12916.	\$ 3	3873.
BENEFITS: (\$000)	FATALITIE	S PR	OP DAMAGE	TOTAL	
COMM:	\$ 11211	. \$	13910.	\$ 2	5121.
ATL	\$ 6914	. \$	8578.	\$ 1	5492.
PAC	\$ 4297		5332.	0.50	9629.
FISH:	\$ 5032		7848.		2880.
ATL	\$ 3180		4960.		8140.
PAC	\$ 1852		2888.		4739.
TOTAL:	\$ 16243		21758.	_	8000.
ATL	\$ 10094		13538.		3632.
PAC	\$ 6149	. \$	8220.	\$ 1	4368.
ME 400 HORES - OR - EEEE					
MEASURES OF EFFEC	TIVENESS	BENEFIT COST	RATIO:	BENEFITS M	
COMM:		0. 4785		\$ -27381	
ATL		0. 4956		\$ -15769	
PAC		0. 4533		\$ -11612 \$ -10271	
F1SH:		0. 556 3 0. 57 39			
ATL					
PAC TOTAL: UZGAR		0. 5286		\$ -4227 \$ -59355	
TOTAL: W/SAR		0. 3903			
ATL PAC		0. 4228			
	,	0. 3465 0. 4529			
TOTAL: WO/SAF	•	0. 4529		\$ -45900 \$ -26395	
PAC		0. 4242		\$ -26395 \$ -19505	
PHU		0. 4242		⇒ -19505	

USER COST: UNIT COST \$ 400. QUANTITY OF 3527. LEARNING FACTOR 0.85 PURCHASE PRICE: FROM \$ 397. TO \$ 374. NUMBER OF PRODUCERS 8.

SYSTEM EFFECTIVENESS: LOCATING 0.0000 S&R UNITS: ES=0.914 ET=0.996 EA=0.995 EL=0.620 EP=0.000

PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE A COMMERCIAL SH FISHING VESSE AIRCRAFT MONI	IPS: LS:	ATCH: FROM FROM		го	27022. 10366.	MAINTAIN O. PERC O. PERC O. PERC	ENT ENT	
COST: (\$000)	A C	1 .9		00	0 & E	TO	TAL	
GOVT:	s	2187		\$	1922	\$	4109.	
ATL	\$	1215.		₽	1068.	\$	2283.	
PAC	₽	972.		⊅ \$	854.	\$	1826.	
SAR	P	7/2.		₽ \$	103059.	\$	103059.	
					THE POST OF THE PARTY OF THE PA	•	103037.	
ATL				\$	56535.			
PAC	_	0440		\$	46524.			
COMM:	\$	8619.		\$	5382.	\$	14001.	
ATL	\$	5132.		\$	3204.	\$	8337.	
PAC	\$	3487.		\$	2177.	\$	5665.	
FISH:	\$	3696.		\$	2478.	\$	6174.	
· ATL	\$	2264.		\$	1518.	\$	3783.	
PAC	\$	1431.		\$	960.	\$	2391.	
TOTAL: W/SAR	\$	14502.		\$	112841	\$	127343.	
AfL	\$	8611.		\$	62325.	\$	70937.	
PAC	\$	5891.		\$	50516.	\$	56406.	
TOTAL: WO/SAR		14502.		\$	9782.	\$	24284.	
ATL	\$	8611.		\$	5791.	\$	14402.	
PAC	\$	5891.		\$	3991.	\$	9882.	
BENEFITS: (\$000)	FATE	ALITIES		PRO	OP DAMAGE	ro	TAL	
COMM:	\$	0.		\$	0.	\$	0.	
ATL	\$	O.		\$	O.	\$	Ο.	
PAC	\$	0.		\$	0.	\$	O.	
FISH:	\$	O.		\$	O.	\$	0.	
ATL	\$	0.		\$	0.	5	O.	
PAC	\$	0.		\$	0.	\$	0.	
TOTAL:	\$	0.		\$	0.	\$	0.	
ATL	\$	0		\$	0.	\$	0.	
PAC	\$	O.		\$	0.	\$	0.	
MEASURES OF EFFEC			NEFIT CO				S MINUS COS	Т:
COMM:			0. 0000			\$ -14	001	
ATL			0.0000				337	
PAC			0. 0000			_	665.	
FISH:			0.0000				174	
ATL			0. 0000				783.	
PAG			0. 0000				391	
TOTAL: W/SAR			0. 0000			\$ -127		
ATL			0. 0000			\$ -70		
PAC			0. 0000			\$ -56		
TOTAL: WO/SAR			0. 0000			\$ -24		
ATL			0.0000			\$ -14		
PAC			0. 0000				882	
1.10			0. 0000			•		

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COST:

TOTAL: W/SAR	\$	84124.	\$	68075.	\$	152199.
ATL	\$	50001.	\$	37748.	\$	87748.
PAC	\$	34123.	\$	30328.	\$	64451.
TOTAL: WO/SAR	\$	84124.	\$	52839.	\$	136962.
ATL	\$	50001.	\$	31398.	\$	81398.
PAC	\$	34123.	\$	21441.	\$	55564.
BENEFITS: (\$000)	FA	TALITIES	PRO	OP DAMAGE	TO	TAL.
COMM:	\$	10253.	\$	12721.	\$	22974.
ATL	\$	6149.	\$	7629.	\$	13778.
PAC	\$	4104.	\$	5092.	\$	9195.
FISH:	\$	Ο.	\$	O.	\$	0.
ATL	\$	0.	\$	0.	\$	0.
PAC	\$	0.	\$	O.	\$	O.
TOTAL:	\$	10253.	\$	12721.	\$	22974.
ATL	\$	6149.	\$	7629.	\$	13778.
PAC	\$	4104.	\$	5092.	\$	9195.

81910.

48771.

33139.

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O.

\$

\$

PAC

COMM:

ATL

PAC

FISH:

471

PAC

MEASURES OF EFFECTIVENESS	BENEFIT COST RATIO:	BENEFITS MINUS
COMM:	0. 1725	\$ ~110183.
ATL	0. 1738	\$ -65506.
PAC	0. 1707	\$ -44617.
FISH:	NOT APPLICABLE	\$ 0.
AFL	NOT APPLICABLE	\$ 0.
PAC	NOT APPLICABLE	\$ 0.
TOTAL: W/SAR	0. 1509	\$ ~129225.
ATL	0. 1570	\$ -73970.
PAC	0. 1427	\$ -55255.
TOTAL: WO/SAR	0.1677	\$ ~113989.
ATL.	0. 1693	\$ -6/620.
PAC	0. 1655	\$ -46369 .

GOVT COST: AC&I \$ 2527500. ANNUAL 0&M \$ 317600.

USER COST: UNIT COST \$ 200. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 170. TO \$ 162. NUMBER OF PRODUCERS 4.

SYSTEM EFFECTIVENESS: LOCATING 0.4444 S&R UNITS: ES=0.944 ET=0.996 EA=0.995 EL=0.950 EP=1.000 PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE A	ND WA	ATCH:	CARRIAG	E		MAINTAIN	WATCH
COMMERCIAL SHIPS:		FROM			27022.	O. PERCI	
FISHING VESSE		FROM			10366.	O. PERCI	
AIRCRAFT MONI	Control of the contro		NO	-	• • • • • •	O. PERCI	
						J. 1 C.1.0.	
COST: (\$000)	A C	1 &	P	v	0 & E	TO	TAL
GOVT:	\$	2298.	\$	5	1952.	\$	4249.
ATL	\$	1277.	\$	5	1084.	\$	2361.
PAC	\$	1021.	\$	5	867.	\$	1889.
SAR			\$	5	15492.	\$	15492.
ATL			\$	5	6920.		
PAC			\$	5	8572.		
COMM:	\$	3691.	\$	5	2303.	\$	5994.
ATL	\$	2198.	\$	5	1371.	\$	3569.
PAC	\$	1493.	\$	5	932.	\$	2425.
FISH:	\$	1581	\$	5	1060.	\$	2640.
ATL	\$	968	\$	5	649.	\$	1618.
PAC	\$	612.	\$,	411.	\$	1023.
TOTAL: W/SAR	\$	7569.	\$		20807.	4	28376.
ATL	\$	4442.	\$	5	10025	\$	14468.
PAC	\$	3127.	5		10781	\$	13908.
TOTAL: WO/SAR	-	7569.	\$		5314.	\$	12883.
ATL	\$	4442			3105.	\$	7547.
PAC	\$	3127.	\$		2210.	\$	5336.
BENEFITS: (\$000)	FATE	ALITIES	P	RO	P DAMAGE	TO	TAL
COMM:	\$	10431.	\$	5	12942.	\$	23373.
ATL	\$	6189.	\$	5	7678.	\$	13867.
PAC	\$	4242.	\$	5	5264.	\$	9506.
FISH:	\$	4510.	\$	5	7035.	\$	11546.
ATL	\$	2828.	\$	5	4410.	\$	7238.
PAC	\$	1683.	\$	5	2625.	\$	4308.
101AL:	\$	14941.	\$	5	19977.	\$	34918.
ATL	\$	9016.	\$	5	12089.	\$	21105.
PAC	\$	5925.	\$	5	7888.	\$	13813.
MEASURES OF FEFE				_			
MEASURES OF EFFEC	IIVE	MESS BE	NEFIT COS	1	RATIO:		S MINUS COST:
COMM:			3, 8995				379
ATL PAC			3, 8856			17 50	298. 081
			3, 9199				
FISH:			4. 3726				905.
ATL			4. 4740				320.
PAC TOTAL - HARAB			4. 2122				285.
TOTAL: W/SAR			1, 2306 1, 4588				542. 537.
PAC			0. 9932				-95.
TOTAL: WO/SAF			2. 7103				-yo. 035.
ATL			2. 7963				735. 558.
PAC			2. 5886				977.
PAL			2. 5886			a 8,	1//.

USER COST: UNIT COST \$ 350. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 338, TO \$ 323, NUMBER OF PRODUCERS 8. SYSTEM EFFECTIVENESS: LOCATING 0. 2969 S&R UNITS: ES=0.944 ET=0.996 EA=0.995 EL=0.280 EP=1.000 PASS SHIP: ES=0, 944 ET=1, 000 EA=0, 995 EL=0, 280 EP=1, 000 LOCATING RANGE= 16, N. M. EM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366. SYSTEM CARRIAGE AND WATCH: MAINTAIN WATCH 10. PERCENT 90 PERCENT AIRCRAFT MONITOR: O. PERCENT COST: (\$000) A C & I PV 0 & E TOTAL 1485. 975. GOVT: \$ \$ 510. 825. 660. ATL \$ 542. \$ 283. 227. PAC 433. SAR 31214. 31214. 11053. ATL PAC 20161. 7340. 11919. COMM: \$ 4580. 2727. ATL 4370. 1853. 2969. 4822 PAC 5251. FISH: 3143. 2108. 1291. ATL 1926. 3217 PAC 1217. 816. 2034 TOTAL: W/SAR \$ 11457. 38412. 49869 15354. ATL 6837. 22192 27677 PAC 4620. 23057. 18655. TOTAL: WO/SAR \$ 11457. 7198. ATL 6837. 4302. 11139 PAC 2896. \$ 4620. 7516. PROP DAMAGE BENEFITS: (\$000) FATALITIES TOTAL COMM: 18314. \$ 8173. \$ 10141. ATL 5444. 6754. 12198. PAC 2729. 3386. 6115. FISH: 4598. 7172. 11770 7853. ATL 3068. 4785. 3918. PAC 1531. 2387 TOTAL: 12771. 17313. 30084 ATL 8512. 11539. 20051 PAC 10033. 4260 5773. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST: COMM: 1. 5364 6394 ATL 1.7188 5101 PAC 1. 2681 1293. FISH: 2. 2416 6520 ATL 2.4408 4635. PAC 1. 9264 1884 TOTAL: W/SAR -197850.6033 ATL 0.9035 -21410.3625 -17644TOTAL: WO/SAR 1. 6126 11429 ATL 1.8000 8912 PAC 1. 3349 2517.

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GOVT COST: AC&I \$ 1072200.

EP 2182

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COMMERCIAL SH			18985, TO	27022.	O. PERCE	NT
FISHING VESSE	LS:	FROM	10000, TO	10366.	O. PERCE	ENT
AIRCRAFT MONI	TOR:		NO		O. PERCE	NT
COST: (\$000)	A C	& I	F۷	0 & E	TO	TAL
GOVT:	\$	2461.	\$	1952.	\$	4413.
ATL	\$	1367.	\$	1084.	\$	2452.
PAC	\$	1094.	\$	867.	\$	1961.
SAR			\$	15492.	\$	15492.
ATL			\$	6920.		
PAC			\$	8572.		
COMM:	\$	3691.	\$	2303.	\$	5994.
ATL	\$	2198.	\$	1371.	\$	3569.
PAC	\$	1493.	\$	932.	\$	2425
FISH:	\$	1581.	\$	1060.	\$	2640.
ATL	\$	968.	\$	649.	\$	1618.
PAC	\$	612.	\$	411	\$	1023.
TOTAL: W/SAR	\$	7733.	\$	20807.	\$	28539.
ATL	\$	4533.	\$	10025.	\$	14539.
PAC	\$	3199.	\$	10781.	\$	13981.
TOTAL: WO/SAR	\$	7733.	\$	5314.	\$	13047.
ATL	\$	4533.	\$	3105.	\$	7638.
PAC	\$	3199.	\$	2210.	\$	5409.
BENEFITS: (\$000)	FAT	ALITIES	PRO	OP DAMAGE	то	TAL
COMM:	\$	10431.	\$	12942.	\$	23373.
ATL	\$	6189.	\$	7678.	\$	13867.
PAC	\$	4242.	\$	5264.	\$	9506.
FISH:	\$	4510.	\$	7035.	\$	11546.
ATL	\$	2828.	\$	4410.	\$	7238.
PAC	\$	1683.	\$	2625.	\$	4308.
TOTAL:	\$	14941.	\$	19977.	\$	34918.
The same of	-	2 2 2 2	120	A 100 40 400 100		

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MEASURES OF EFFECTIVENESS	BENEFIT COST RATIO:	BENEFITS MINUS COST:
COMM:	3, 8995	\$ 17379.
ATL	3. 8856	\$ 10298.
PAC	3. 9199	\$ 7081.
F1SH:	4. 3726	\$ 8905.
ATL	4. 4740	\$ 5620.
PAC	4. 2122	\$ 3285.
TOTAL: W/SAR	1. 2235	\$ 6379.
ATL	1. 4497	\$ 6546.
PAC	0. 9880	\$ -167.
TOTAL: WO/SAR	2. 6763	\$ 21871.
ATL	2. 7631	\$ 13467.
PAC	2. 5538	\$ 8404.

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EP121, 5/243A/C DF/H

LOCATING ONLY

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USER COST: UNIT COST \$ 200. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 170. TO \$ 162. NUMBER OF PRODUCERS 4.

SYSTEM EFFECTIVENESS: LOCATING 0.4660 S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.950 EP=1.000 PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE AND WATCH: CARRIAGE MAINTAIN WATCH
COMMERCIAL SHIPS: FROM 18985 TO 27022 O PERCENT

STOLEN CHUKTHOE H	ATI M	HICH.	CHULTI	100		LIMINIMIN	WHICH	
COMMERCIAL SH	IPS:	FROM	M 18985.	10	27022.	PERCE	NT	
FISHING VESSE	LS:	FROI	M 10000.	TO	10366	O. PERCE	NT	
AIRCRAFT MONI	TOR:		NO			O. PERCE	NT.	
COST: (\$000)	A C	& I		PV	0 & E	101	'AL	
GOVT:	\$	2461.		\$	1952.	\$	4413.	
ATL	\$	1367.		\$	1084.	\$	2452.	
PAC	\$	1094.		\$	867.	\$	1961.	
SAR				\$	15189.	\$	15189.	
ATL				\$	6706.			
PAC				\$	8483.			
COMM:	\$	3691.		\$	2303.	\$	5994.	
ATL	\$	2198.		\$	1371.	\$	3569.	
PAC	\$	1493.		\$	932.	\$	2425.	
F1SH:	\$	1581.		\$	1060.	\$	2640.	
ATL	\$	968.		\$	649.	\$	1618.	
PAC	\$	612.		\$	411.	\$	1023.	
- FOTAL: W/SAR	\$	7733.		\$	20503.	\$	28236.	
ATL	\$	4533.		\$	9811.	\$	14344.	
PAC	\$	3199.		\$	10692.	\$	13892.	
TOTAL: WO/SAR		7733.		\$	5314.	\$	13047.	
ATL	\$	4533.		\$	3105.	• \$	7638.	
PAC	\$	3199.		\$	2210.	\$	5409.	
BENEFITS: (\$000)	FAT	ALITIES		PRO	DP DAMAGE	тот		
COMM:	\$	10939.		\$	13572.	\$	24512.	
ATL	\$	6490.		\$	8052.	\$	14543.	
PAC	\$	4449.		\$	5520.	\$	9969.	
F1SH:	\$	4730.		\$	7378.	4	12108.	
ATL	\$	2965.		\$	4625.	\$	7591.	
PAC	\$	1765.		\$	2753.	#	4518.	
FOTAL:	\$	15669.		\$	20950.	\$	36620.	
ATL	\$	9456.		\$	12678.	\$	22133.	
PAC	\$	6214.		\$	8273.	\$	14486.	
MEASURES OF EFFEC	TIVE	NESS BE	ENEFIT CO	OST	RATIO:	BENEFITS	MINUS	COST:
COMM:			4. 0895			\$ 185		
ATL			4. 0749			\$ 109		
PAC			4. 1110				144	
FISH:			4. 5857				68.	
ATL			4. 6920				73.	
PAC			4. 4174				95.	
TOTAL: W/SAR			1. 2969				84.	
ATL PAC			1. 5430 1. 0428				'89. 19 5 .	
FOTAL: WO/SAR			2. 8067			\$ 235		
ATL WUZSAK			2. 8977			\$ 144		
			2. 6783				73. 178.	
PAC			2. 6/83			> 90	70.	

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BENEFIT COST RATIO:

2. 5449

2, 5358

2, 5583

2. 8537

2. 9199

2. 7490

0.3102

0.3208

0. 2952

1. 7883

1.8440

1. 7093

BENEFITS MINUS COST:

9260

5481

3779

4895

3106

1789

-50683.

-29162

-21521

10045

6304.

3741.

MEASURES OF EFFECTIVENESS

COMM:

ATL

PAC

FISH:

ATL

PAC

ATL

PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

USER COST: UNIT COST \$ 350. QUANTITY OF 3000. LEARNING FACTOR 0,88 PURCHASE PRICE: FROM \$ 338. TO \$ 323. NUMBER OF PRODUCERS 8. SYSTEM EFFECTIVENESS: LOCATING 0. 2517 S&R UNITS: ES=0, 944 ET=0, 996 EA=0, 995 EL=0, 200 EP=1, 000 PASS SHIP: ES=0, 944 ET=1, 000 EA=0, 995 EL=0, 200 EP=1, 000 LOCATING RANGE= 16. N. M. TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022. MAINTAIN WATCH SYSTEM CARRIAGE AND WATCH: 10. PERCENT FISHING VESSELS: FROM 10000, TO 10366. 90. PERCENT AIRCRAFT MONITOR: O. PERCENT COST: (\$000) A C & 1 PV 0 & E GOVT: \$ 2026. 1591. 3617. 884. 2010. ATL \$ 1126. \$ \$ PAC 900. 707. 1608. SAR 39510. 39510. ATL 13988. \$ PAC 25522. 7340. 11919. COMM: 4580. 4370 7097 ATL \$ 2727. 4 PAC 2969. 1853. 4822. 2108. FISH: 3143. 5251. ATL 1926. \$ 1291. 3217 MAC 1217. 816. 2034 TOTAL: W/SAR \$ 12509. \$ 47789. 60298. ATT 7421 \$ 18891. 26312 28898. 5087. 33986 PAC TOTAL: WO/SAR \$ 12509. 8279. 20788. 7421. ATL \$ 4902. 12324. 5087. 3377. 8464 BENEFITS: (\$000) FATALITIES PROP DAMAGE TOTAL COMM: 8989. \$ 16233. 11152. ATL 4977. 6175. PAC 2268. \$ 2814. 5081 FISH: 4361. 6801. 7662. 3**5**00. ATL 2993. \$ 4669. 1367. 2133. PAC \$ 27395. TOTAL: 11605. 15790. 18813. ATL 7970. 10843. 4946. PAC 3635. 8581. MEASURES OF EFFECTIVENESS BENEFIT COST RATIO: BENEFITS MINUS COST COMM: 1.3619 4314 1. 5713 4055. PAC 1. 0537 259 5911 FISH: 2. 1257 2. 3815 4445 ATL 1. 7210 1466 PAC TOTAL: W/SAR 0.4543 -32903 -7499 0.7150 PAC 0. 2525 -25404FOTAL: WO/SAR 1. 3178 6607 6489 ATL 1. 5266 PAC 1.0139 118.

ANNUAL 0&M \$

LOCATING ONLY

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EP 2182 SHIP DF/H

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GOVT COST: AC&1 \$ 2228624.

2, 5358

2. 5583

2. 8537

2. 9199

2. 7490

0. 3225

0.3329

0.3078

2. 2920

2. 3292

2. 2375

5481

3779

4895

3106

1789

-47883. -27606.

-20277

12846.

7860.

4986

ATL

PAC

FISH:

ATL

PAC

ATL

PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

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ANNUAL 0&M $
GOVT COST: AC&1 $
                   342868.
                                                162200
USER COST: UNIT COST $ 225. QUANTITY OF 3000.
                                                      LEARNING FACTOR 0, 88
           PURCHASE PRICE: FROM $ 217. TO $ 207. NUMBER OF PRODUCERS 8.
SYSTEM EFFECTIVENESS: LOCATING 0. 3146
S&R UNITS: ES=0, 800 ET=0, 996 EA=0, 995 EL=0, 620 EP=1, 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 800 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
                                                       MAINTAIN WATCH
SYSTEM CARRIAGE AND WATCH:
                                 CARRIAGE
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 10000 TO 10366.
                                                        O. PERCENT
                                                        O. PERCENT
    AIRCRAFT MONITOR:
                                                       100. PERCENT
COST: ($000)
                  A C & I
                                        PV 0 & E
                                                             TOTAL.
                                                                 1308
    GOVT:
                         312.
                                              997.
                                              554.
                                                                   727.
     ATL
                  $
                         173.
                                                                   581
     PAC
                         139.
                                              443
                                                                56850
    SAR
                                            56850.
     ATL
                                            23839
     PAC
                                            33011
                                             2944.
    COMM:
                       4718.
                                             1753.
                                                                 4562.
     ATI
                       2809
                                                                 3100
     PAC
                   $
                       1909.
                                            1191.
                                            1355.
    FISH:
                        2021.
                                                                  3376.
                       1238.
                                            830.
525.
                                                                  2068
     ATI
     PAC
                        783.
                                        $
                                                                 1307
                        7051.
                                                                 69197
    TOTAL: W/SAR $
                                            62146.
                                           26976.
                                                                 31197
     AIL
                        4221.
     PAC
                        2830.
                                           35170.
                                                                 38000.
    TOTAL: WO/SAR $
                        7051.
                                             5296.
                                                                 12346.
                                        $
                                             3137.
                                                                  7357
     ATL
                  $
                        4221.
     PAC
                        2830.
                                            2159.
                                                                  4989
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
                                                             $ 18762.
    COMM:
                   $
                        8373.
                                        $ 10389.
                                                                 12095.
     ATL
                        5398.
                                             6697.
                                             3691
     PAC
                        2975
                                                                  6666
                                                                  9493
    FISH:
                        3709.
                                        $
                                            5784.
                                                                  6384.
                                             3890.
     ATL
                        2494.
                                                                 3109.
     PAC
                        1214.
                                            1894.
                                        $ 16173.
                                                                28255.
    TOTAL:
                      12082.
                        7892.
                                            10588.
                                                                 18480.
     ATL
                       4190.
                                             5585.
     PAC
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                        BENEFITS MINUS COST:
    COMM:
                                                             11099.
                                 2. 4485
                                                              7533.
     ATL
                                 2, 6511
                                                              3566
     PAC
                                 2. 1504
    FISH:
                                 2.8123
                                                              6117
     ATL
                                 3. 0869
                                                              4316
     PAC
                                 2. 3777
    FOTAL: W/SAR
                                 0.4083
                                                            -40942
                                                            -12717.
                                0. 5924
     ATL
     PAC
                                 0. 2572
                                                            -28225
    TOTAL: WO/SAR
                                2. 2885
                                                             15908.
                                 2.5117
                                                             11122
     ATL
     PAC
                                 1. 9593
                                                              4786
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1060. 649. 411.

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62998

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TOTAL:	WO/SAR	\$	5583.	\$	4360.	\$	9943.
ATL		\$	3339.	\$	2574.	\$	5913.
PAC		\$	2244.	*	1785.	\$	4029.
BENEFITS:	(\$000)	FATAL	ITIES	PROP	DAMAGE	TOT	AL
COMM:		\$	7139.	\$	8858.	\$	15997.
ATL		\$	4236	\$	5255.	\$	9491.
PAC		\$	2904.	\$	3603.	\$	6506.
FISH:		\$	3087.	\$	4815.	\$	7902.
ATL		\$	1935.	\$	3019.	\$	4954.
PAC		\$	1152.	\$	1796.	\$	2948.
TOTAL:		\$ 1	0226.	\$:	13673.	\$	23899.
ATL		\$	6171.	\$	8274.	\$	14445.
1305			AGES	-	F10.00		CAFA

1493.

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\$ 2244.

\$

PAC

FISH:

ATL

PAC

ATL

PAC

TOTAL: W/SAR \$

PAC \$ 40	55 . \$ 5399.	\$ 9454.
MEASURES OF EFFECTIVENESS	BENEFIT COST RATIO:	BENEFITS MINUS COST
COMM:	2. 6689	\$ 10003.
ATL	2. 6594	\$ 5922.
PAC	2. 6829	\$ 4081.
FISH:	2. 9927	\$ 5262
ATL	3. 0622	\$ 3336.
PAC	2. 8829	\$ 1926.
TOTAL: W/SAR	0. 3794	\$ -39099.
ATL	0. 4151	\$ -20356.
PAC	0. 3353	\$ -18743.
TOTAL: WO/SAR	2. 4037	\$ 13957
ATL	2. 4427	\$ 8531.
PAC	2. 3465	\$ 5425.

GOVT COST: AC&I \$ 28380000. ANNUAL 08M \$ 917000.

USER COST: UNIT COST \$ 225. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 217. TO \$ 207. NUMBER OF PRODUCERS 8.

SYSTEM EFFECTIVENESS: LOCATING 0. 4031

S&R UNITS: ES=0.750 ET=1.000 EA=0.995 EL=0.990 EP=1.000 PASS SHIP: NOT GUARDED A/C OVRFL: ES=0.750 ET=1.000 EA=0.995 EL=0.500 EP=1.000

SYSTEM CARRIAGE A	AND U	NATCH:	CARRIA	4GE		MAINTAIN	WATCH
COMMERCIAL SH	HIPS:	FROM	18985.	TO	27022.	O. PERCE	INT
FISHING VESSE	ELS:	FROM	10000	TO	10366.	O. PERCE	ENT
AIRCRAFT MON!	TOR:		YES			100, PERCE	NT
COST: (\$000)		2 & 1			0 & E		TAL
GOVT:	\$	25800.		\$	5635.	\$	31435.
ATL	\$	14333.		\$	3130.	\$	17464.
PAC	\$	11467.		\$	2504.	*	13971.
SAR				\$	13093.	\$	13093.
ATL				\$	5791.		
PAC				\$	7302.		
COMM:	\$	4718.		\$	2944.	\$	7663.
ATL	\$	2809.		\$	1753.	\$	4562
PAC	\$	1909.		\$	1191.	\$	3100.
FISH:	\$	2021.		\$	1355.	\$	3376.
ATL	\$	1238.		\$	830.	\$	2068.
PAC	\$	783.		\$	525.	\$	1307.
FOTAL: W/SAR	\$	32539.		\$	23027.	\$	55566.
ATL	\$	18381		\$	11504.	4	29885.
PAC	\$	14158.		\$	11523.	•	25681.
TOTAL: WO/SAM		32539.		4	9934.	\$	42473.
ATL	\$	18381.		\$	5714.	\$	24094.
PAC	\$	14158.		\$	4220.	\$	18378.
	_	. ,					•
BENEFITS: (\$000)	FA	TALITIES		PRO	OP DAMAGE	TOT	TAL
COMM:	\$	9956.		\$	12353.	\$	22310.
ATL	\$	6123.		\$	7597.	\$	13720.
PAC	\$	3833.		\$	4756.	\$	8589.
FISH:	\$	4349.		\$	6784.	\$	11133.
ATL	\$	2812.		\$	4386.	\$	7199.
PAC	\$	1537.		\$	2397.	\$	3934.
TOTAL:	\$	14306.		\$	19137.	\$	33443.
ATL	24			40		₽	
	\$	8935.		\$	11984.	\$	20919.
PAC	\$	8935. 5370.					
	\$	5370.		\$	11984. 7153.	\$	20919. 12523.
MEASURES OF EFFE	\$	5370.	NEFIT CO	\$	11984. 7153.	\$ \$ BENEFITS	20919. 12523. S MINUS COST:
MEASURES OF EFFE	\$	5370.	2. 9115	\$	11984. 7153.	\$ \$ BENEFITS \$ 146	20919. 12523. 8 MINUS COST:
MEASURES OF EFFECTION OF THE COMM: ATL	\$	5370.	2. 9115 3. 0073	\$	11984. 7153.	\$ \$ BENEFITS \$ 146	20919. 12523. 8 MINUS COST: 647. 158.
MEASURES OF EFFEC COMM: ATL PAC	\$	5370.	2. 9115 3. 0073 2. 7707	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158.
MEASURES OF EFFECTION OF THE COMM: ATL	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981	\$	11984. 7153.	\$ \$ \$ 548 \$ 77	20919. 12523. 8 MINUS COST: 647. 158. 189.
MEASURES OF EFFEC COMM: ATL PAC	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757.
MEASURES OF EFFECTIONM: ATL PAC FISH: ATL PAC	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757.
MEASURES OF EFFECTOMM: ATL PAC FISH: ATL PAC TOTAL: W/SAR	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091 0. 6019	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757. 131. 527.
MEASURES OF EFFECTOMM: ATL PAC FISH: ATL PAC TOTAL: W/SAR ATL	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091 0. 6019 0. 7000	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757. 131. 627.
MEASURES OF EFFECTOMM: ATL PAC FISH: ATL PAC TOTAL: W/SAR	\$	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091 0. 6019 0. 7000 0. 4877	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757. 131. 627. 123. 266.
MEASURES OF EFFECTOMM: ATL PAC FISH: ATL PAC TOTAL: W/SAR ATL	\$ CTIVE	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091 0. 6019 0. 7000 0. 4877 0. 7874	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 447. 158. 189. 757. 131. 527. 123. 766.
MEASURES OF EFFECTOMM: ATL PAC FISH: ATL PAC TOTAL: W/SAR ATL PAC	\$ CTIVE	5370.	2. 9115 3. 0073 2. 7707 3. 2981 3. 4807 3. 0091 0. 6019 0. 7000 0. 4877	\$	11984. 7153.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20919. 12523. 8 MINUS COST: 647. 158. 189. 757. 131. 627. 123. 266.

3. 4807

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ATL

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PAC

TOTAL: W/SAR

TOTAL: WO/SAR

USER COST: UNIT COST \$ 750. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 687. TO \$ 655. NUMBER OF PRODUCERS 6.

SYSTEM EFFECTIVENESS: LOCATING 0.4692 S&R UNITS: ES=0.944 ET=1.000 EA=0.995 EL=0.999 EP=1.000 PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE A	ND WA	ATCH:	C	ARRIAGE		MAINTAIN	WATCH
COMMERCIAL SH	IIPS:	FROI	M 1	8985. TO	27022.	0. PERC	ENT
FISHING VESSE	LS:	FRO	M 1	0000. TO	10366.	O. PERC	ENT
AIRCRAFT MONI	TOR:		NO)		O. PERC	ENT
COST: (\$000)	Λ .:	1 %		EU	0 % E	700	TAL
GOVT:	\$	α 1 55982.		\$	5635.	\$	61616.
ALL	\$	31101.		\$	3130.	\$	34231.
PAC	₽ \$	24881.		\$	2504	\$	27385.
	*	24081.		\$		\$	12684
SAR					12684.	*	12004.
ATL				\$	5564.		
PAC				\$	7120.		
COMM:	\$	14915.		\$	9307.	\$	24222.
ATL	\$	8881.		\$	5542.	\$	14422.
PAC	\$	6034		\$	3765.	\$	9800.
FISH:	\$	6387.		\$	4283.	\$	10670.
ATL	\$	3913.		\$	2624.	\$	6538 .
PAC	\$	2474.		\$	1659.	\$	4133.
TOTAL: W/SAR	\$	77284.		\$	31909.	\$	109193.
ATL	\$	43895.		\$	16860.	\$	60756.
PAC	\$	33389.		\$	15048.	\$	48437.
TOTAL: WOZSAR	\$	77284.		\$	19225.	\$	96509.
ATL.	\$	43895.		\$	11296.	\$	55191.
PAC	\$	33389.		\$	7929.	\$	41318.
BENEFITS: (\$000)	FAT	ALITIES		PRO	OP DAMAGE	то	TAL
COMM:	\$	11013.		\$	13664.	\$	24677.
ATL	\$	6534		\$	8107.	\$	14641.
PAC	\$	4479		\$	5557.	\$	10036.
FISH:	\$	4762.		\$	7428.	\$	12190.
ATL	\$	2985.		\$	4656.	\$	7642.
PAC	\$	1777.		\$	2771.	\$	4548.
TOTAL	\$	15775.		\$	21092	\$	36867.
ATL	\$	9519.		\$	12763.	\$	22283.
PAC	\$	6256.		\$	8328.	\$	14584.
MEASURES OF EFFEC	TIUE	urce pi	-NI-	IT COST	BATTO.	DENEST	S MINUS COST:
COMM:	IIVE	AESS DI		0188	RHIIU.	\$	455
ATL				0151			455. 218
PAC			-	0241			236.
FISH:			-	1424			519.
ATL			-	1689			104.
PAC			7.0	1005			415.
TOTAL: W/SAR				3376			326.
ATL				3668			473.
PAC				3011			853.
TOTAL: WOZSAR			-	3820			642.
AIL			-	4037			909. 7 00
PAC			O.	3530		\$ -26	733.

EP 406 REXM NAVA GS

LOCATING ONLY

2 B 7BD

FISH:

ATL

PAC

ATL

PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

42

1. 1424

1. 1689

1, 1005

0.2348

0. 2552

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0. 2554

0. 2726

0. 2331

\$

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\$ -107456.

The Special Committee of the Special Committee

LOCATING ONLY

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GOVT COST: AC&I \$ 28384100.

ANNUAL 0&M \$ 917000.

USER COST: UNIT COST \$ 750. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 687. TO \$ 655. NUMBER OF PRODUCERS 6.

SYSTEM EFFECTIVENESS: LOCATING 0. 4692

S&R UNITS: ES=0.944 ET=1.000 EA=0.995 EL=0.999 EP=1.000 PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE A	ND WATCH:	CARRIAGE		MAINTAIN	WAT CH	
COMMERCIAL SH	IIPS: FF	ROM 18985, TO	27022.	0. PERCE	NT	
FISHING VESSE	LS: FF	ROM 10000, TO	10366.	O. PERCE	:NT	
AIRCRAFT MONI	TOR:	NO		0. PERCE	NT	
COST: (\$000)	A C & I		0 & E	TOT		
GOVT:	\$ 25804.	\$	5635.	\$	31438.	
ATL	\$ 14335.	\$	3130.	\$	17466.	
PAC	\$ 11468.	\$	2504.	\$	13973.	
SAR		\$	12684.	\$	12684.	
ATL		\$	5564.			
PAC		\$	7120.			
COMM:	\$ 14915.	\$	9307.	\$	24222.	
ATL	\$ 8881.	\$	5542.	\$	14422.	
PAC	\$ 6034.	\$	3765.	\$	9800.	
FISH:	\$ 6387.	\$	4283.	\$	10670.	
ATL	\$ 3913.	\$	2624.	\$	6538 .	
PAC	\$ 2474.	\$	1659.	\$	4133.	
TOTAL: W/SAR	\$ 47106.	\$	31909.	\$	79015.	
ATL	\$ 27129.	\$	16860.	\$	43990.	
PAC	\$ 19976.	\$	15048.	\$	35025.	
TOTAL: WO/SAR		\$	19225.	\$	66331.	
ATL	\$ 27129.	\$	11296.	\$	38 4 26.	
PAC	\$ 19976.	\$	7929.	\$	27905.	
BENEFITS: (\$000)	FATALITIES	S PRI	OP DAMAGE	тот	AL	
COMM:	\$ 11013.	\$	13664	\$	24677.	
AIL	\$ 6534.	\$	8107.	\$	14641.	
PAC	\$ 4479.	\$	5557.	•	10036.	
FISH:	\$ 4762.	\$	7428.	\$	12190.	
ATL	\$ 2985.	\$	4656.	\$	7642.	
PAC	\$ 1777.	\$	2771.	\$	4548.	
TOTAL:	\$ 15775.	\$	21092.	\$	36867.	
ATL	\$ 9519.	\$	12763.	\$	22283.	
PAC	\$ 6256.	\$	8328.	\$	14584.	
MEASURES OF EFFEC	TIVENESS	BENEFIT COST	RATIO:		MINUS COST: 55.	
ATL		1. 0188 1. 0151			18	
PAC		1. 0241			36.	
FISH:		1. 1424			19.	
ATL		1. 1424			04.	
PAC		1. 1005			15.	
TOTAL: W/SAR		0. 4666		\$ -421		
ATL WASHR		0. 5065		\$ -217		
PAC		0.4164		\$ -204		
TOTAL: WO/SAR		0. 5558		\$ -294	. . .	
ATL		0. 5799		\$ -161		
PAC		0. 5226		\$ -133		

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GOVT COST: AC&I \$ 101978400.

ANNUAL 08M \$ 1059800.

USER COST: UNIT COST \$ 750. QUANTITY OF 3000. LEARNING FACTOR 0.88 PURCHASE PRICE: FROM \$ 687. TO \$ 655. NUMBER OF PRODUCERS 6.

SYSTEM EFFECTIVENESS: LOCATING 0.4692 S&R UNITS: ES=0.944 ET=1.000 EA=0.995 EL=0.999 EP=1.000 PASS SHIP: NOT GUARDED

SYSTEM CARRIAGE A	ND WATCH: CARRIA	GE	MAINTAIN WATCH
COMMERCIAL SH			O PERCENT
FISHING VESSE			O. PERCENT
AIRCRAFT MONI			9. PERCENT
COST: (\$000)	A C & I	PV 0 & E	TOTAL
GOVT:	\$ 92708.	\$ 6512.	\$ 99220.
ATL	\$ 51504.	\$ 3618.	\$ 55122.
PAC	\$ 41203.	\$ 2894.	\$ 44098.
SAR		\$ 12684.	\$ 12684.
ATL		\$ 5564.	
PAC		\$ 7120.	
COMM:	\$ 14915.	\$ 9307.	\$ 24222.
ATL	\$ 8881	\$ 5542	\$ 14422.
PAC	\$ 6034.	\$ 3765.	\$ 9800.
FISH:	\$ 6387.	\$ 4283.	\$ 10670.
ATL	\$ 3913.	\$ 2624.	\$ 6538.
PAC	\$ 2474.	\$ 1659.	\$ 4133
TOTAL: W/SAR	\$ 114010.	\$ 32786.	\$ 146796.
ATL WASHR	\$ 64298.	\$ 17348.	\$ 81646.
PAC		\$ 15438.	\$ 61646. \$ 65 1 50.
TOTAL: WOZSAR			
ATL	\$ 64298.	\$ 11784.	\$ 76082.
PAC	\$ 49712.	\$ 8319.	\$ 58030.
BENEFITS: (\$000)	FATALITIES	PROP DAMAGE	TUTAL
COMM:	\$ 11013.	\$ 13664.	\$ 24677.
AFL	\$ 6534	\$ 8107.	\$ 14641.
PAC	\$ 4479.	\$ 5557.	\$ 10036.
FISH:	\$ 4762.	\$ 7428.	\$ 12190.
ATL	\$ 2985.	\$ 4656.	\$ 7642.
			\$ 4548.
PAC			
TOTAL:			\$ 36867.
ATL	\$ 9519.	\$ 12763.	\$ 22283.
PAC	\$ 6256.	\$ 8328.	\$ 14584.
MEASURES OF EFFEC	TIVENESS BENEFIT CO	CT PATIO.	BENEFITS MINUS COST:
COMM:	1. 0188	SI MITO.	\$ 455.
ATL	1.0151		\$ 400. \$ 218.
PAC	1. 0241		\$ 216. \$ 236.
			\$ 230. \$ 1519.
FISH:	1. 1424		
ATL	1. 1689		
PAC HARAB	1. 1005		
TOTAL: W/SAR	0. 2511		\$ -109929.
ATL	0. 2729		\$ -59364.
PAC	0. 2239		\$ -50566.
TOTAL: WO/SAR			\$ −97245.
ATL	0. 2929		\$ -53799.
PAC	0. 2513		\$ -43446.

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GOVI COST: AC&I $ 1200000
                              ANNUAL 02M $ 806000
USER COST: UNIT COST $ 3000 QUANTITY OF 3651. LEARNING FACTOR 0.85
          PURCHASE PRICE: FROM $ 2973. TO $ 2736. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4091
S&R UNITS: ES=0.980 ET=0.996 EA=0.995 EL=0.950 EP=0.000
PASS SHIP: ES=0 980 ET=1 000 EA=0 995 EL=0 950 EP=1 000 LOCATING RANGE= 20 N M
                            CARRIAGE
                                                   MAINTAIN WATCH
SYSTEM CARRIAGE AND WATCH
   CUMMERCIAL SHIPS: FROM 18985 TO 27022
                                                 100 PERCENT
                        FROM 0 TO 0.
   FISHING VESSELS:
                                                   O. PERCENT
   AIRCRAFT MONITOR
                                                     O PERCENT
COST ($000)
                                     PUUSE
   GUVT:
                 $ 1091.
                                     $ 4953
                                                         $ 6043
                      606
                                      $ 2751.
                                                             3357
2686
    ATL
                 46
                                                          3.
    PAC
                 1
                       485
                                          2201
                                                          1
                                      $ 15230.
    State
                                                            15230
                                      $ 5955
$ 9275
    WILL
    PAC
                                      $ 40194
                                                         $ 104493.
   COMM
                   64299
                                     $ 23932
$ 16262
                                                            62217
                    38285
    AFL
                 *
                                                         1
     PAC
                     26014
                                                          1.
                                                             42276
                                     $ 0.
$ 0.
$ 0.
$ 60376.
$ 32639.
$ 27737.
$ 45146.
                     0.
0.
0.
    FISH
    HIL
                                                         3.
    PAC
                                                          1.
                                                         $ 125766.
    TOTAL W/SAR $ 65390.
                                                            71530
54236
    AIL
                 -
                     38891
                                                         1.
                      26499
                                                          1.
     PAC
                                                         # 110536
          WO/SAR $
                     65390
    TOTAL
                                        26684
                                                         $ 65575.
$ 44962
                     38891
     HIL
                  .
                      26499
                                         18463
                                                         1
     PAL
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                         TUTAL
                                                            25566
   COMM
                  .
                    11410
                                      $ 14156
                                                          *
                                                             15583.
    ATL
                      6954
                                          8629
                                                              9983.
    PAC
                      4455
                                          5528
                     O.
                                          0.
0.
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    FISH:
                                      $
                                                          1.
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    AIL
    PAL
                                     $ 0.
$ 14156.
                                                         $
                                                             25566
    TOTAL:
                     11410.
                                                          4
                     6954
    ATL
                                         8629.
                                                            9983.
    PAC
                      4455
                                          5528
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                    BENEFITS MINUS COST
                                                       -78927
   COMM
                              0. 2447
                                                     4.
    MIL
                               0. 2505
                                                     1
                                                        -46634
                               0. 2361
                                                       -32293
     PAC
    FISH
                            NOT APPLICABLE
                                                        0.
     ATL
                            NOT APPLICABLE
                                                     18
     PAC
                            NOT APPLICABLE
    TOTAL W/SAR
                              0. 2033
0. 2179
                                                       -100200
     ATL
                                                        -44254
     PAC
                               0. 1841
    TOTAL: WO/SAR
                              0. 2313
                                                        -84970
                                                       -49992
    ATL
                              0. 2376
                                                       -34979
                               0. 2220
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LOCATING ONLY

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GOVT COST: AC&I $
                          Ο.
                                 ANNUAL 08M $
                                                    10000.
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 862. TO $ 807. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 2140
S&R UNITS: ES=0.968 ET=0.996 EA=0.995 EL=0.650 EP=GEOGRAPHIC PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH: CARRIAGE
    FEM CARRIAGE AND WATCH: CHARTHOE COMMERCIAL SHIPS: FROM 18985. TO 27022. FISHING VESSELS: FROM 0. TO 0.
                                                        MAINTAIN WATCH
                                                       0. PERCENT
                                                         O. PERCENT
    AIRCRAFT MONITOR:
                             NO
                                                          O. PERCENT
COST: ($000)
                   A C & I
                                         PV 0 & E
                                                              TOTAL
                                             61.
    GOVT:
                   $
                                         $
                  $
                            O.
                                                                      34.
    ATL
                                         $
                                                              $
                                         $
                                               27.
                                                                      77
    PAC
                   $
                            O.
                                                              $
                                         $ 71815.
$ 35128.
    SAR
                                                                  71815
    411
                                        $ 36687.
$ 11663.
$ 6945.
$ 4719.
     PAC
                   $ 18674.
                                                              $ 30337.
$ 18063.
    COMM:
                      11119.
    ATL
                  $
    PAC
                  $
                       7555.
                                                                  12274.
                       0.
0.
0.
                                        $ 0.
$ 0.
$ 0.
    FISH:
    ATL
                  $
                                                              $
                                        $ 0.
$ 83540.
$ 42107.
                  $ 0.
$ 18674.
$ 11119.
    PAC
                                                              $
    TOTAL: W/SAR $
                                                              $ 102214.
    ATL
                                                              $
                                                                  53226.
                                         $ 41433.
     FAC
                       7555.
    TOTAL: WO/SAR $
                       18674.
                                         $ 11725.
                                                                   30399.
                                                              $
                                              6979
                                                                  18098.
           $
     ATL
                       11119.
                                         $
                                                              #
                       7555.
                                              4746.
                                                                 12301
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                              TOTAL
                                              6729.
                                                              $ 12152.
    COMM:
                   $ 5423.
     ATL
                   $
                        3511
                                              4356
                                                                    7868
                                         $
                                                              #
     PAC
                   $
                        1912.
                                         $
                                              2372.
                                                                    4285
                        0.
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                                             0.
0.
0.
    FISH:
                                                              $
                                        $ 0.
$ 0.
$ 6729.
     ATL
                   $
                                                                     0.
     PAC
                   $
                                                              $
                      5423.
    TOTAL:
                                                                 7868.
     ATL
                   $
                        3511.
                                         $
                                              4356.
                                                              $
     PAC
                   $
                        1912.
                                              2372.
                                                                    4285.
MEASURES OF EFFECTIVENESS
                              BENEFIT COST RATIO:
                                                         BENEFITS MINUS COST
    COMM:
                                 0.4006
                                                             -18185.
     ATL
                                 0.4356
                                                             -10196.
                                                              -7989
                                 0. 3491
     PAC
                                                             0.
0.
0.
    FISH:
                              NOT APPLICABLE
                                                         $
     ATL
                              NOT APPLICABLE
                                                         $
                              NOT APPLICABLE
                                                         $ 0.
$ -90062
     PAC
    TOTAL: W/SAR
                                 0.1189
     ATL
                                 0.1478
                                 0.0875
                                                             -44703
     PAC
                                                         $ -18247
    TOTAL: WO/SAR
                                 0.3998
     ATL
                                 0.4347
                                                         $ -10230.
                                 0.3483
                                                         $ -8017.
     PAC
```

SUR 8364 SHORE DF

46

2 B 8B

LOCATING ONLY

The comment of the comments of

```
GOVE COST: AC&I $ 1991800.
                               ANNUAL D&M $
                                               70200.
USER COST: UNIT COST $ 3000. QUANTITY OF 3651. LEARNING FACTOR 0.85
          PURCHASE PRICE: FROM $ 2973. TO $ 2736. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0.4058
S&R UNITS: ES=0. 980 ET=0. 996 EA=0, 995 EL=0, 900 EP=0, 000
PASS SHIP: ES=0. 980 ET=1.000 EA=0 995 EL=0.900 EP=1.000 LOCATING RANGE= 20.N M.
SYSTEM CARRIAGE AND WATCH: CARRIAGE
                                                   MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022
                                                  100 PERCENT
   FISHING VESSELS:
                         FROM 0, TO 0.
                                                   O. PERCENT
   AIRCRAFT MONITOR:
                              NO
                                                     O. PERCENT
COST: ($000)
                                     PV 0 & E
                 A C & I
                                                         TOTAL
                                                            2242.
                                        431.
240.
   GOV1:
                 $
                      1811.
    ATL
                 $
                      1006.
                                                              1246.
                                     $
                                                         $
                       805
                                                              996
    PAC
                                          192.
                                        15505.
   SAR
                                         5964.
9542.
    ATL
                                     $
    PAC
   COMM:
                 $ 64299.
                                                         $ 104493.
                                     4
                                        40194
                                        23932.
    ATL
                 $
                     38285
                                     $
                                                            62217
                                                         $
                                                            42276
    PAC
                 $
                     26014.
                                        16262.
                                                         $
                                        0.
0.
0.
                     O,
                 $
   FISH:
                                                         $
    ATL
                 $
                        0
                                     $
                                                         4
                      O.
                                     $ 0.
$ 56130.
$ 30135.
    PAC
                 $
                                                         $
    TOTAL: W/SAR
                     66110.
                                                         $ 122240.
                    39291.
    ATL
                                                        $ 69426.
$ 52814.
                 $
                                     $ 25995.
    PAC
                     26819.
    TOTAL: WOZSAR $
                     66110.
                                     $
                                         40625.
                                                         $ 106735.
                                        24172.
                $
                     39291
                                                            63463.
    ATL
                                     $
                                                         $
    PAC
                 $
                    26819.
                                     $ 16453.
                                                             43272
BENEFITS: ($000) FATALITIES
                                    PROP DAMAGE
                                                        TOTAL
                                                        $ 25505.
   COMM:
                 $ 11382.
                                    ATL
                 $
                      6953.
                                                             15579.
                                          8626.
                                                             9926.
    PAC
                      4430.
                                          5496.
                 $
                                     $
                                                         $
                                          O.
                      O.
                                                              0.
   FISH:
                 $
                                     $
                                                         $
                 $
                        O.
    ATL
                       Q.
                                           0.
                                            O.
                                                         $
    PAC
                 $
                                     $
                                                         $ 25505.
                                     $ 14123.
                    11382.
    TOTAL:
                 $
    ATL
                 $
                      6953.
                                          8626.
                                                             15579.
                      4430.
                                                             9926.
    PAC
                                          5496
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO
                                                    BENEFITS MINUS COST:
                              0. 2441
                                                       -78988
    ATL
                              0. 2504
                                                        -46638.
    PAC
                              0.2348
                                                        -32350
                           NOT APPLICABLE
   FISH:
                                                         0.
                                                    $
    ATL
                           NOT APPLICABLE
                                                    $
                                                            O.
    PAC
                           NOT APPLICABLE
                                                    $
                                                            0.
                              0. 2086
0. 2244
    TOTAL: W/SAR
                                                        -53847
    ATL
    PAC
                              0.1879
                                                        -42888
    TOTAL: WO/SAR
                              0. 2390
                                                        -81230.
                              0. 2455
    ATL
                                                        -47884
    PAC
                              0. 2294
                                                        -33346.
```

SUR 500 A/C DF/H

LOCATING ONLY

2 B 9A

```
GOVT COST: AC&I $ 1991800.
                                 ANNUAL 08M $
                                                    70200
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 824. TO $ 786. NUMBER OF PRODUCERS 6.
SYSTEM EFFECTIVENESS: LOCATING 0.3806
S&R UNITS: ES=0.880 ET=0.996 EA=0.995 EL=0.850 EP=0.000
PASS SHIP: ES=0 880 EF=1 000 EA=0.995 EL=0.850 EP=1 000 LOCATING RANGE= 32.N.M.
   TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS FROM 18985, TO 27022.
FISHING VESSELS: FROM 10000, TO 10366.
SYSTEM CARRIAGE AND WATCH
                                                        MAINTAIN WATCH
                                                      10 PERCENT
90 PERCENT
                              NO
    AIRCRAFT MONITOR:
                                                          O PERCENT
                   1 & 2 A
COST: ($000)
                                         PV 0 & E
                                                               TUTAL
                                         $ 431.
$ 240.
   GOVT:
                   $ 1811.
                                                              $ 2242.
                                                                   1246
    ATL
                   $
                        1006.
                                                              $
                        805.
                                                                     996.
                                              192.
                                         $ 14582.
$ 6090
                                                              $ 14582
    SAR
    ATL
                                         $ 8492.
    PAC
                  $ 17898.
$ 10657
$ 7241.
$ 7665.
$ 4696.
    COMM
                                        $ 11168.
$ 6650.
$ 4518.
                                                              $ 29066
$ 17307
    ATL
                                                               $
                                                                   17307
                                                              $ 11760
     PAC
                                        $ 5140.
$ 3149.
$ 1991.
                                                                  12805.
    FISH:
                                                              #
                                                                  7845
4959
    ATL
                  $ 2969.
    PAC
                                        $ 31322.
$ 16129.
$ 15193.
    101AL: W/SAR $ 27373.
ATL $ 16359.
PAC $ 11015.
                                                              $ 58695.
                                                              $ 32488
$ 26207
    TOTAL: WO/SAR $ 2/373.
                                        $ 16740.
$ 10039.
$ 6701.
                                                              $ 44113
                                                              $ 265.
$ 17715.
     ATL
                  $
                       16359.
                      11015.
     PAC
                  $
BENEFITS: ($000) FATALITIES
                                         PROP DAMAGE
                                                               TOTAL
                                                               $ 23312.
   COMM:
                   $ 10404.
                                        $ 12908.
                       6694
                                            8306.
    ATL
                  4
                                        #
                                                              4
                                                                  15000.
                                        $ 4603.
$ 7753.
                  $ 3710.
$ 4971.
     PAC
                                                                    8312.
                                                                 12723
    FISH:
                                                              #
                                        $ 4949.
$ 2804.
$ 20661.
                  $ 3173.
$ 1797.
    ATL
                                                               $ 8122
     PAC
                                                               $
                                                                    4601
                  $ 1797.
$ 15374.
                                                                  36036
    TOTAL:
                                                               $
                                                              $ 23122.
$ 12913.
    ATL
                  $ 9867.
                                        $ 13255.
    PAC
                       5507
                                         $
                                              7406.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                         BENEFITS MINUS COST.
                                                             -5754.
                                 0.8020
                                                               -2307
    ATL
                                 0.8667
                                                         $
     PAC
                                 0. 7068
                                                               -3447
    FISH:
                                 0.9937
                                                          $
                                                                -81
                                 1. 0353
     ATL
                                                         $
                                                                277
     PAC
                                 0. 9278
                                                               -358
                                 0.6139
    TOTAL: W/SAR
                                                              -22659
    ATL
                                 0. 7117
                                                              -9366
     PAC
                                 0. 4927
    TUTAL: WO/SAR
                                 0.8169
                                                              -8077
                                 0.8759
                                                              -3275
     ATL
     PAC
                                 0.7289
                                                             -4802
```

2 B 9B SUR 2182 A/C DF/H LOCATING ONLY

48

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```
GOVT COST: AC&I $ 1205200.
                                ANNUAL 08M $
                                                 46800.
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0,88
PURCHASE PRICE: FROM $ 862. TO $ 807. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0.3095
S&R UNITS: ES=0.968 ET=0.996 EA=0.995 EL=0.940 EP=GEOGRAPHIC
MASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH: CARRIAGE
                                                     MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985. TO 27022.
F1SHING VESSELS: FROM 0.10 0.
                                                      O PERCENT
                                                        O. PERCENT
    AIRCRAFT MONITOR:
                                                       O. PERCENT
                  1 & 0 A
COST: ($000)
                                       PV 0 & E
    GOVT:
                                          288.
                                                            $ 1383
                  $ 1096.
                                       $
                                                                 768
    ATL
                  $
                        609.
                                            160.
                                       $
                                                            $
     PAC
                        487.
                                       $
                                             128.
                                                                  615.
                                         43097.
    SAR
                                       $ 15262.
$ 27835.
$ 11663.
    ATL
     PAC
    COMM:
                  $ 18674.
                                                            $ 30337
                     11119.
                                          6945.
4719.
                                                               18063.
     ATL
                  $
                                       $
                                                            $
     PAC
                  $
                       7555.
                                       $
                                                                12274.
                       0.
                                       $ 0.
$ 0.
$ 0.
    FISH:
                                                            $
                  $
                      0.
0.
    ATL
                          0
                                                            $
     PAC
                  $
                                                            $
                                       $ 55048.
$ 22366.
$ 32682.
    TOTAL: W/SAR $
                    19770.
                                                               74817.
                                                            $
                  $ 11728.
     ATL
                                                                34094
                                                            $
     PAC
                  $
                       8042.
                                                                40724
                                       TOTAL: WO/SAR $
                      19770.
                                                                31721
                                          7104.
                  $ 11728.
    ATL
                                                            $ 18832
                                       45
     PAC
                  $
                       8042.
                                       $
                                            4847.
                                                            $
                                                                12889.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                                            $ 17574.
$ 11378.
   COMM:
                  $ 7843.
                                       $ 9731.
    ATL
                       5078.
                                            6300.
                  $ 2760.
$ 0.
$ 0.
                                                               6196
                                       $ 3431.
     PAC
                                                            $
                                           O.
O.
O.
    FISH:
                                       $
                                                            $
    ATL
                                       $
                                                            $
                  $ 0.
$ 7843.
$ 5078.
     PAC
                                       $
                                                            $
                                       $ 0.
$ 9731.
                                                               17574.
    TOTAL:
                                       $ 6300.
     ATL
                                                            $ 11378.
                                                                 6196.
     PAC
                       2765.
                                          3431.
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
   COMM:
                                0. 5793
                                                          -12763.
    ATL
                                0. 6299
                                                            -6686
     PAC
                                0.5048
                                                            -6078.
    F1SH:
                             NOT APPLICABLE
                                                            O.
    ATL
                             NOT APPLICABLE
     PAC
                             NOT APPLICABLE
                                                          -57243.
-22716.
                                0. 2349
    TOTAL: W/SAR
                                0. 3337
     ATL
    PAC
                                0.1522
                                                           -34527
    TOTAL: WO/SAR
                                0.5540
                                                           -14147
    ATL
                                0.6042
                                                           -7454
```

LOCATING ONLY

-6692

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2 B 9C SUR 8364 A/C DF/H

0.4808

PAC

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GOVT COST: AC&I $ 8078686.
                              ANNUAL 08M $ 474600.
USER COST: UNIT COST $ 3000. QUANTITY OF 3651. LEARNING FACTOR 0.85
          PURCHASE PRICE: FROM $ 2973, 10 $ 2736, NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 4084
S&R UNITS: ES=0, 980 ET=0, 996 EA=0, 995 EL=0, 940 EP=0, 000
PASS SHIP: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 940 EP=1, 000 LOCATING RANGE= 20, N. M.
   FISHING VESSELS: FROM 0. TO 0.
SYSTEM CARRIAGE AND WATCH:
                                                  MAINTAIN WATCH
                                                  100 PERCENT
                                                   O. PERCENT
                             NO
   AIRCRAFT MONITOR:
                                                    O. PERCENT
                 A C & I
                                     PV 0 & E
                                                         TOTAL
COST: ($000)
                 $ 7344.
                                                         $ 10260.
                                         2916.
   GOVT:
                                     $
    ATL
                 $
                      4080.
                                     $
                                          1620.
                                                         $
                                                             5700.
                                         1296.
                                                             4560.
    PAC
                      3264.
                                     $
                 $
                                         15250.
                                                         $ 15250.
   SAR
                                     $
                                     $
                                         5957.
    ATL
                                          9293.
    PAC
                                     $
                                                         $ 104493.
   COMM:
                 $ 64299.
                                     $
                                         40194
                                     $
                                                         $ 62217.
$ 42276.
                     38285.
                                         23932.
    ATL
                    26014.
                                     $
                                         16262
    PAC
                 $
                                                         $
                     0.
0.
0.
                                     $ 0.
$ 0.
$ 0.
   FISH:
                                                         $
                                     $
    ATL
                                                         $
    PAC
                 $
                                     $ 58359.
$ 31509.
$ 26850.
                                                         $ 130003.
   TOTAL: W/SAR $ 71643.
                    42365.
                                                         $ 73874
$ 56129.
    ATL
                 $
    PAC
                 $
                     29278.
    FOTAL: WO/SAR $
                     71643
                                     $ 43110.
                                                         $ 114753.
                                                         $ 67917.
$ 46836.
                 $
                     42365.
                                     $
                                         25552.
    ATL
                                     $
                                         17558.
    PAC
                 $
                     29278.
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                         TOTAL
                                                         $ 25554.
   COMM:
                 $ 11404.
                                     $ 14150.
                      6954.
                                         8628.
                                                            15582
    ATL
                      4450.
                                     $
                                          5522.
    PAC
                                         0.
                      O.
    FISH:
                 $
                                     $
                                                         $
                                     $ 0.
$ 0.
$ 14150.
                      O.
O.
    ATL
    PAC
                 $
                                                         $
                                                         $ 25554.
                 $ 11404.
    TOTAL:
                     6954
                                         8628.
                                                         $ 15582.
    ATL
                                          5522.
                                                             9972
    PAC
                      4450.
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO:
                                                    BENEFITS MINUS COST
                                                       -78939.
   COMM:
                              0. 2446
                                                    $
                                                        -46635.
    ATL
                              0. 2504
                                                    #
                              0. 2359
                                                        -32304
    PAC
                           NOT APPLICABLE
                                                    $
    F1SH:
    ATL
                           NOT APPLICABLE
                                                    $
                                                             O.
                           NOT APPLICABLE
    PAC
                              0. 1966
                                                    $
                                                       -104449.
    TOTAL: W/SAR
                                                        -58292
     ATL
                              0. 2109
                                                    #
                              0. 1777
    PAC
                                                       -89199.
-52335
    TOTAL: WO/SAR
                              0. 2227
     ATL
                              0. 2294
                              0. 2129
                                                    $ -36864
     PAC
```

LOCATING ONLY

50 2 B10A SUR 500 SHIP DF/H

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2 B10B

ATL

PAC

-6886

-7936.

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USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 862. TO $ 807. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: LOCATING 0. 2832
S&R UNITS: ES=0.968 ET=0.996 EA=0.995 EL=0.860 EP=GEOGRAPHIC
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985, FO 27022.
FISHING VESSELS: FROM 0. TO 0.
                                                      MAINTAIN WATCH
                                                     O. PERCENT
                                                        O. PERCENT
    AIRCRAFT MONITOR:
                                NO
                                                        O. PERCENT
COST: ($000)
                                        PV 0 & E
                                                             TOTAL
                   A C & I
                                           1591.
                   $ 2214.
   GUVT:
                                        $
                                                             $ 3805.
                                            884.
707.
                                                                  2114
    ATL
                   $
                       1230.
                                        $
                                                             $
                                                                  1691.
     PAC
                  $
                         984.
                                        $
                                                             $
    SAR
                                        $
                                            48272.
                                                             $ 48272.
     ATL
                                        $
                                            18552.
                                            29720.
     PAC
                                        $
                  $ 18674.
                                                             $ 30337.
$ 18063.
$ 12274.
    COMM:
                                        $ 11663.
                                        $ 6945.$ 4719.
    ATL
                   $ 11119.
                       7555.
     PAC
                   $
                  $ 0.
$ 0.
$ 0.
                                       $ 0.
$ 0.
$ 0.
    FISH:
                                                             $
    ATL
                                                             $
                                                            $
     PAC
                                       $ 61527.
$ 26381.
$ 35146.
                                                             $ 82415.
$ 38730.
$ 43686.
    TUTAL: W/SAR $ 20888.
                  $ 12349.
    ATL
     PAC
                  $
                       8539.
    TOTAL: WO/SAR $
                                                             $ 34143.
                       20888.
                                        $ 13255.
                                                             $ 201.
$ 13965.
    · ATL
                  $
                       12349.
                                        $
                                             7829.
    PAC
                  $
                       8539.
                                        $
                                             5426.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                             TOTAL
                                                             $ 16078.
$ 10409.
                                           8903.
5764.
    COMM:
                   $ 7175.
                                        $
     ATL
                        4646
                                                                5669.
                        2530.
                                        $
$
                                            3139.
    PAC
                  $
                                                             $
                                       $ 0.
$ 0.
$ 0.
$ 903.
                       0.
0.
0.
                                                                 0.
    FISH:
                  $
                                                             $
     ATL
                                                             $
                                                                   O.
                  $ 0.
$ 7175.
                                                             $ 0.
$ 16078.
     PAC:
    TOTAL:
                                        $ 5764.
    ATL
                   $ 4646.
    PAC
                        2530.
                                        $
                                                                  5669.
                                             3139.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
                                                           -14259.
    COMM:
                               0. 5300
                                                        $
     ATL
                                0.5763
                                                        $
                                                             -7654
                                0.4619
                                                             ~6605.
     PAC
                             NOT APPLICABLE
                                                        $
                                                            0.
0.
    FISH:
     ATL
                              NOT APPLICABLE
                                                        $
                              NOT APPLICABLE
     PAC
    TOTAL: W/SAR
                               0. 1951
                                                        $
                                                           -66337
                                0. 2688
                                                            -28320
     ATL
                                                           -38017
     PAC
                                0.1298
                                                           -18064
    TOTAL: WO/SAR
                                0. 4709
     ATL
                                0.5159
                                                             -9768.
                                                           -8296.
                                0.4059
     PAC
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LOCATING ONLY

ANNUAL 0&M \$ 259000.

Z B10C SUR 8364 SHIP DF/H

GOVT COST: AC&I \$ 2435200.

52

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GOVT COST: AC&I $ 552000.
                                  ANNUAL D&M $
                                                   767200.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651. LEARNING FACTOR 0.82
            PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9997
                                   ALERTING 0. 4999
                                                          LOCATING 0. 4999
          ES=0, 990 ET=0, 996 EA=0, 995
                                                   EP=GEOGRAPHIC
S&R UNITS: ES=0.990 ET=0\frac{\cappa 996}{\cappa EA=0.995} EL=0.990 EP=GEOGRAPHIC
PASS SHIP: ES=0.990 ET=1.000 EA=0.995 EP=1.000 ALERTING RANGE=270.N.M.
PASS SHIP: ES=0 990 ET=1,000 EA=0,995 EL=0,990 EP=1,000 LOCATING RANGE=270, N. M.
    TEM CARRIAGE AND WATCH: CARRIAGE COMMERCIAL SHIPS: FROM 18985. TO 27022.
SYSTEM CARRIAGE AND WATCH:
                                                         MAINTAIN WATCH
                                                         100. PERCENT
                            FROM 0.10 0.
    FISHING VESSELS:
                                                          PERCENT
    AIRCRAFT MONITOR:
                                                           0. PERCENT
                                          PV 0 & E
                        502.
    GOV1:
                   $
                                          $
                                              4714.
                                                                     5216.
                                                                4
     ATL
                   $
                          279.
                                          $
                                               2619.
                                                                $
                                                                      2898.
                                              2095.
                                                                      2318.
     PAC
                          223.
    SAR
                                          $
                                              13051.
                                                                    13051.
                                              5778.
7273.
     ATL
     PAC
                                          $ 227077.
$ 135206.
                   $ 362944.
$ 216104.
                                                                $ 590021.
$ 351310.
    COMM:
     ATL
                   $ 146840.
     PAC
                                            91871.
                                                                $ 238711.
                                              0.
                       Ö.
    FISH
                                          #
                   $
     ATL
                            0.
                                          $
                                                   O.
                                                                $
                                                                         0.
                                                 O.
     PAC
                            O.
                                          $ 244842.
$ 143603.
                                                                $ 608288.
$ 359986.
    TUTAL: W/SAR $ 363446.
ATL $ 216383.
                                          $ 101239.
     PAC
                   $ 147063.
    TOTAL: WO/SAR $ 363446.
ATL $ 216383.
                                                                $ 595237.
$ 354208.
                                          $ 231791.
$ 137825.
                   $ 147063.
                                                                $ 241029.
     PAC
                                             93966.
                                          PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                                TOTAL
                                                                $ 52597.
   COMM:
                   $ 23473.
                                          $ 29124.
                   $
                        13926.
                                              17279.
                                                                    31205.
     ATL.
                                                                    21391.
     MAC
                   $
                        9546.
                                              11845.
    FISH:
                                                 0.
0.
                          0.
0.
     ATL
                   $
     PAC
                   $
                                                                $ 52597.
     TOTAL:
                     23473.
                                            29124.
     ALL
                   $
                       13926.
                                             17279.
                                                                    31205.
                                                                $
                                                                    21391.
     PAC
                        9546.
                                              11845
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                          BENEFITS MINUS COST:
    COMM:
                                  0.0891
                                                          $ -537425.
                                  0.0888
                                                             -320105
                                  0.0896
     PAC
                                                          $ -21/320.
                               NOT APPLICABLE
    F1SH:
                                                          $
                                                                    0
                               NOT APPLICABLE
                               NOT APPLICABLE
    TOTAL: W/SAR
                                 0. 0865
                                                          $ -555692.
     ATL
                                  0.0867
                                                          $ -328780.
     PAC
                                  0.0861
                                                          $ -226911
                                                          $ -542641
                                  0.0884
    TOTAL: WO/SAR
     ATL
                                  0.0881
                                                          $ -323003.
                                  0.0887
                                                          $ -219638.
     PAC
```

INST 500

A&R LOC

ALERTING AND LOCATING

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INST 2182
                            A&R LOC
                                               ALERTING AND LOCATING
54 3 8 18
GOVT COST: AC&I $ 821000.
                            ANNUAL 0&M $ 3677000.
USER COST: UNIT COST $ 1500. QUANTITY OF 2821. LEARNING FACTOR 0.85
          PURCHASE PRICE: FROM $ 1490. TO $ 1404. NUMBER OF PRODUCERS 10.
SYSTEM EFFECTIVENESS: 0.8966 ALERTING 0.4515
                                                 LOCATING 0. 4451
          S&R UNITS: ES=0.907 ET=0.996 EA=0.995 EL=0.880 EP≈GEOGRAPHIC
PASS SHIF: ES=0.907 ET=1.000 EA=0.995 EL=0.880 EP=1.000 LOCATING RANGE= 70.N.M.
                            CARRIAGE
SYSTEM CARRIAGE AND WATCH:
                                                 MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022. FISHING VESSELS: FROM 10000 TO 10366.
                                                10. PERCENT
                                                 90. PERCENT
                                                  O. PERCENT
   AIRCRAFT MONITOR:
                            NO
COST: ($000)
                AC&I
                                   PVO&E
                                                       TOTAL
                                                         23340.
                      746.
   GOVT:
                $
                                    $
                                       22594.
                                                       $
    ATL
                $
                      415.
                                       12552.
                                                         12967.
                                    $
    PAC
                      332.
                                    $
                                       10042.
                                                          10373.
                                                      $
   SHR
                                   $
                                       13228.
                                                      4
                                                          13228.
    ATL
                                        5843.
    PAC
                                        7385.
                                   $
                $ 32321.
                                                      $ 52501.
   COMM:
                                   $
                                       20181.
                $ 19244.
                                                       $ 31260.
                                    $ 12016.
                   13074.
13857.
                                                         21241.
23151.
                                   $
    PAC
                $
                                       8165.
                                                       $
   FISH:
                4
                                   $
                                        9293.
                                                       $
                   8490.
                                      5694.
    FIL
                                                         14184.
                                       3599.
    PAC
                     5367
                                   $
                                                      $
                                                          8966
                   46925.
                                   $ 112220.
   TOTAL: W/SAR $
                  28149.
                                                         64254.
                                   $
                                      36105.
                   187/5
                                                         47965.
    PAC
                $
                                   $
                                       29190.
                                                       $
    FOTAL: WO/SAR $
                    46925.
                                   $
                                       52068.
                                                       $
                                                          98992.
                    28149.
                                                         58411.
                                      30262.
                    18775.
                                                         40581.
    PAC
                *
                                   $
                                       21806.
BENEFITS: ($000) FATALITIES
                                  PROP DAMAGE
                                                      TUTAL
                $ 22886.
$ 13897
                                      28395.
   COMM
                                   $
                                                      $ 51281.
    ATL
                $
                    13897.
                                   $
                                       17242.
                                                          31139.
                    8989.
                                                         20142.
    PAC
                                   $
                                       11153.
                                                         25847
                   10098
   FISH:
                $
                                   $
                                      15750.
                                                      $
    ATL
                4
                    6362.
                                   $
                                        9924.
                                                       $
                                                          16286
                    3735.
    PAC
                                       5826.
                                                          9562
                                   $
                                                         77129
   TUTAL:
                $ 32984.
                                   $ 44145.
                $
                    20259.
                                    $
                                       27166.
                                                          47425.
    AFL
                                                         29703.
                   12724.
    PAC
                                       16979.
MEASURES OF EFFECTIVENESS
                          BENEFIT COST RATIO:
                                                  BENEFITS MINUS COST:
                             0. 9768
                                                  $
                                                      -1220.
    ATL
                             0. 9961
                                                  4
                                                       -121
    PAC
                             0.9482
                                                  $
                                                      -1099
   F1SH:
                             1 1165
                                                       2697.
                                                  $
                                                      2102
    ATL
                             1. 1482
                                                  $
    MAC
                             1.0664
                                                  $
    FOTAL: W/SAR
                             0. 6873
                             0. 7381
    ATL
                                                     -16829
    PAC
                             0.6193
                                                     -18262
                            0. 7791
   TOTAL: NO/SAR
                                                     -21864
                                                 $ -10%C
$ -10877.
    ATL
                             0.8119
   · PAC
                             0. 7320
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O.
                                                    TARIFF SERVICE
GOVT COST: AC&I $
                              ANNUAL 08M $
USER COST: UNIT COST $ 48300. QUANTITY OF 200. LEARNING FACTOR 0.82
          PURCHASE PRICE: FROM $ 26322. TO $ 23792. NUMBER OF PRODUCERS 3.
                               ALERTING 0. 4950
SYSTEM EFFECTIVENESS: 0. 9851
                                                   LOCATING 0. 4901
                                             EP=1, 000
          ES=0, 999 ET=0, 996 EA=0, 995
SKR UNITS: ES=0, 999 ET=0, 996 EA=0, 995 EL=0, 990 EP=1, 000
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                    MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 5000. TO
                                          7117.
                                                     O. PERCENT
    FISHING VESSELS:
                         FROM
                                  0. TO 0.
                                                     O. PERCENT
    AIRCRAFT MONITOR:
                                                      O. PERCENT
                                      PV 0 & E
COST: ($000)
                 A C & 1
                                                          TOTAL
                                           117.
    GOVT:
                  $
                         O.
                                      $
                                                          $
                                                                117
    ATL
                  $
                         O.
                                                                65.
                                            65.
                                                          $
    PAC
                  $
                         O.
                                      $
                                            52.
                                                          4
                                                                52
    SAR
                                          12672.
                                                             12672.
                                           5558.
    ATL
    PAC
                                      $
                                          7114.
    COMM:
                  $ 149671.
                                      $
                                          93642.
                                                          $ 243314.
                    89117.
                                      $ 55756.
                                                          $ 144874.
    ATL
                     60554.
                                                              98440.
    PAC
                  $
                                      $
                                        37886.
                                                          $
                                          0.
0.
0.
    FISH:
                  $
                      Ο.
                                      $
                                                          $
                                                                 Q.
                         0.
    AH.
                 ±
                                      $
                                                          $
                                                                  0
                      0.
                                      4
    PAC
                 $
                                                          $
    TOTAL: W/SAR
                    149671.
                                      $
                                         106431.
                                                             256103.
                     89117.
                                                          $ 150496.
    ATL
                  $
                                      $
                                         61379
    PAC
                     60554.
                                      $
                                          45052.
                                                          $ 105606.
                                                          $
    TOTAL: WOZSAR $
                    149671.
                                      $
                                          93759.
                                                             243430.
                                                          $ 144939
                                          55821.
    AIL
           $
                    89117
                                      $
                                                              98492.
    PAL
                 $ 60554.
                                          37938.
                                                          $
BENEFITS: ($000) FATALITIES
                                      PROP DAMAGE
                                                          TOTAL
                                                             13646.
    COMM:
                  $
                     6090
                                      $
                                           7556.
                                                          $
                  $
                       3613.
                                      $
                                           4483.
                                                               8096.
    ATL
                      2477.
                                           3073.
                                                               5550.
    PAC
                       O.
                                           Ο.
                                                                 0
    FISH:
                  $
                                      $
    ATL
                  $
                         O.
                                      $
                                             Ö.
                                                          $
                                                                  O.
                                            O.
                        0.
    PAC
                  $
                                      $
                                                                  0.
                       6090.
                                           7556.
                                                             13645.
    TOTAL:
                  $
                                      $
                                                          $
    ATL
                  $
                       3613.
                                      $
                                           4483.
                                                          $
                                                               8096.
    PAC
                      2477.
                                           3073.
                                                               5550.
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                     BENEFITS MINUS COST:
   COMM:
                               0.0561
                                                     $ -229668.
                               0.0559
    ATL
                                                     $ -136778
    PAC
                               0.0564
                                                         -92890.
    FISH:
                            NOT APPLICABLE
                                                             O.
                            NOT APPLICABLE
    AIL
                                                              0
                            NOT APPLICABLE
                                                     $ -242457.
    TOTAL: W/SAR
                               0.0533
    ATL
                               0.0538
                                                     $ -142401.
                                                     $ -100056.
                               0.0526
    PAC
    FOTAL: WO/SAR
                               0.0561
                                                     $ -229/85.
                               0.0559
                                                     $ -136843.
    AIL
                               0.0563
    PAC
                                                        -92942
```

ALERTING AND LOCATING

55 3 B 10

INST L-BAND A&R LOC

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GOV1 COST: AC&I $ 3600000.
                                ANNUAL 0&M $ 841000.
           UNIT COST $ 8520, QUANTITY OF 225. LEARNING FACTOR 0.82 PURCHASE PRICE: FROM $ 3794. TO $ 3429. NUMBER OF PRODUCERS 5.
USER COST: UNIT COST $ 8520. QUANTITY OF 225.
SYSTEM EFFECTIVENESS: 0.8744 ALERTING 0.4394
                                                       LOCATING 0. 4350
          S&R UNITS: ES=0, 968 ET=0, 996 EA=0, 995 EL=0, 990 EP=GEOGRAPHIC
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 0. TO 0.
                                                        O. PERCENT
                                  0. TO 0.
                                                        O. PERCENT
                            NO
    AIRCRAFT MONITOR:
                                                        PERCENT
COST: ($000)
                                       PV 0 & E
                  A C & 1
                                                            TOTAL
                                                            $ 8440.
                                           5168.
                      3273.
    GOVT:
                  $
                                       $
                                       $
                                             2871.
                                                                  4689
     ATL
                        1818.
                                                             $
                                            2297.
                                                                 3751.
     MAC
                       1455.
                                       $
                                           15292.
    SAR
                                       $
                                                               15292
     ATL
                                            6618.
                                            8674
     PAC
                                       $
                                                            $ 133157.
    COMM:
                  $
                     81910.
                                            51247.
                                                              79284.
    AIL
                       48771.
                                            30514.
                                                                53873.
                                            20734.
     PAC
                      33139,
                                       $
                                                             $
                                                            $ 0.
$ 0.
$
                       0.
0.
0.
                                            0.
0.
0.
    FISH:
                   $
                                       $
                                       $
     AIL
     PAC
                                       $
    TOTAL: W/SAR $
                       85183.
                                       $
                                           71707.
                                                             $ 156889.
                                                            $ 90592.
$ 66298.
     ATL
                  $
                       50589,
                                           40003.
                       34594
                                            31704.
     PAC
                  $
                                       $
    TOTAL: WO/SAR $
                       85183.
                                            56415.
                                                             $ 141598.
                                                            $ 83973.
$ 57624.
                                            33384.
     ATL
                  $
                       50589.
                                       $
     PAC
                  $
                       34594.
                                       $
                                            23030.
                                       PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                            TUTAL
                                                               47623.
    COMM:
                  $ 21253.
                                       $
                                           26370.
                                                            $
     ATL
                       12747.
                                            15815.
                                                                 28562.
                        8507.
                                            10555.
                                                                 19061.
     MAC
    FISH:
                   $
                          O.
                                       $
                                            0.
                                                             $
                                             0.
0.
     ATL
                                                                     0.
     PAC
                          O.
                                       $
                                                                     O.
                                                            $
                                                            $
    TOTAL
                       21253.
                                       $
                                            26370.
                                                                47623.
                      12747.
                                            15815.
                                                                 28562.
                                            10555.
                                                                 19061.
     PAC
                        8507.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                0. 3576
                                                           -85534.
     ATL
                                0.3602
                                                           -50723.
                                0, 3538
     PAC
                                                            -34811.
                             NOT APPLICABLE
    FISH:
                                                       $
                                                                 0.
                             NOT APPLICABLE
     ATL
                                                       $
                                                                 O.
     PAC
                             NOT APPLICABLE
    TOTAL: W/SAR
                                0.3035
                                                          -109266.
                                                       $
     ATL
                                0.3153
                                                           -62030.
                                0. 2875
                                                           -47236.
     PAC
    TUTAL: WO/SAR
                                0, 3363
                                                           -93975.
                                0. 3401
                                                           -55412
     ATL
     PAC
                                0.3308
                                                           -38563.
```

3 B 1D

INST HE

A&R LOC

ALERTING AND LOCATING

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INST 500A-SHORE DFL
                                                      ALERTING AND LOCATING
    3 B 2A
GOVI COST: AC&I $ 1200000.
                                 ANNUAL O&M $
                                                806000.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651.
                                                     LEARNING FACTOR 0.82
           PURCHASE PRICE: FROM $ 16810, TO $ 15194, NUMBER OF PRODUCERS
SYSTEM EFFECTIVENESS: 0. 9982
                                 ALERTING 0. 4999
                                                       LOCATING 0, 4983
                                                EP=GEOGRAPHIC
          ES=0. 990 ET=0. 996 EA=0. 995
S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.980 EP=GEOGRAPHIC
PASS SHIP: ES=0, 990 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE=270, N. M.
PASS SHIP: ES=0, 990 ET=1, 000 EA=0, 995 EL=0, 980 EP=1, 000 LOCATING RANGE=200, N. M.
   TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985 TO 27022.
FROM 0.TO 0.
SYSTEM CARRIAGE AND WATCH:
                                                      MAINTAIN WATCH
                                                      100. PERCENT
                                                       O. PERCENT
                              NO
    AIRCRAFT MONITOR:
                                                        O. PERCENT
                                       PV 0 & E
COST: ($000)
                  1 & 0 A
                                                             TOTAL
                       1091.
                                                                  6043.
   GOVT:
                  $
                                       $
                                           4953.
                                                             $
    ATL
                         606.
                                             2751.
                                                                  3357.
                  $
                                                                  2686.
    PAC
                         485
                                            2201
                                                             $
    SAR
                                       #
                                          13065.
                                                                 13065
                                           5785.
7280.
    ATL
    PAL
                                                             $ 590021.
    COMM:
                  $ 362944.
                                       $ 227077.
                     216104.
                                          135206.
                                                                351310.
    AIL
    PAC
                  $ 146840.
                                          91871.
                                                               238711.
   FISH:
                  $
                          0.
                                       $
                                            0.
                                                             $
                                                                     0
                  $
                           O.
                                       $
                                                                     O.
    ATL
                                               O.
                                                                     O.
    PAC
                  $
                          0
                                       $
                                               O
                                                             $
    TOTAL: W/SAR
                  $ 364035.
                                       $ 245095.
                                                             $ 609130.
    ATL
                  $
                     216710.
                                       $ 143743.
                                                                360453
                                       $ 101352.
                                                             $ 248677.
     PAC
                    147325.
                  $
                    364035.
216710.
    FOTAL: WOZSAR $
                                       $ 232030.
                                                               596065
                                                             $
                                       $ 137958.
                                                                354668.
     ATL
                  $
                  $ 147325.
                                           94072.
                                                             $ 241397.
     PAC
                                        PROP DAMAGE
BENEFITS: ($000)
                  FATALITIES
                                                             TOTAL
                                       $ 29123.
                                                             $ 52595.
    COMM:
                  $
                     23472
                                                                 31205.
                                           17279.
     ATL
                  $
                       13926
                                                             $
                  $
                        9546.
                                           11844.
                                                                 21390.
     PAC
    FISH
                  $
                          0
                                            O.
                                                                     O.
     ATL
                  $
                           O.
                                               O.
                                                             $
                  $
                                                O.
                                                             $
                                                                     O.
     PAC
                           O.
                       23472.
                                          29123.
                                                                 52595.
    TUTAL:
                                          17279.
                                                                 31205.
     ATL
                       13926.
                                                             $
     PAC
                       9546.
                                           11844.
                                                                 21390.
                                                       BENEFITS MINUS COST:
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
   COMM:
                                0.0891
                                                         -537426
                                0.0888
                                                          -320105
    ATL
                                0.0896
     PAC
                                                         -217321
    FISH:
                             NOT APPLICABLE
                                                       $
                             NOT APPLICABLE
     ATL
                             NOT APPLICABLE
     PAC
                                                       $ -556535.
    TOTAL: W/SAR
                                0.0863
                                0.0866
                                                       $ -329248.
    ATL
     PAC
                                0.0860
                                                       $ -227287.

★ -543470.

    TOTAL: WO/SAR
                                0.0882
     ATL
                                0.0880
                                                       $ -323462.
     PAC
                                0.0886
                                                       $ -220007.
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INST HE A-SHORE DEL

ALERTING AND LOCATING

-38611.

3 B 2B

PAC

58

ALERTING AND LOCATING

INST 500A- A/C DF/H

3 B 3A

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GOVT COST: AC&1 $ 4836600.
                                ANNUAL 0&M $ 3947200.
USER COST: UNIT COST $ 1500. QUANTITY OF 2821. LEARNING FACTOR 0.85
           PURCHASE PRICE: FROM $ 1490. TO $ 1404. NUMBER OF PRODUCERS 10.
SYSTEM EFFECTIVENESS: 0.8879 ALERTING 0.4515
                                                       LOCATING 0. 4364
SHORE: ES=0. 907 ET=0. 996 EA=0. 995 EL=0. 900 EP=GEUGRAPHIC S&R UNITS: ES=0. 907 ET=0. 996 EA=0. 995 EL=0. 900 EP=GEUGRAPHIC
           ES=0, 907 ET=0, 996 EA=0, 995 EP=GEOGRAPHIC
PASS SHIP. ES=0. 907 ET=1.000 EA=0. 995 EL=0. 900 EP=1.000 LOCATING RANGE= 60. N. M.
   TEM CARRIAGE AND WATCH: CARRIAGE COMMERCIAL SHIPS: FROM 18985. TO 27022. FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                      MAINTAIN WATCH
                                                     10. PERCENT
90. PERCENT
    AIRCRAFT MONITOR:
                               NO
                                                        0. PERCENT
COST: ($000)
                  A C & I
                                       PV 0 & E
                                                            TOTAL
    GOVT:
                                                            $ 28651
                  $ 4397
                                        $ 24254.
    ATL
                  $
                       2443.
                                           13474.
                                                            $
                                                                15917
                                                               12734
                                          10779.
                       1954.
     PAC
                  $
                                       $
                                                            $
                                        $ 13249.
                                                            $ 13249
                                           5862.
    ATL
     PAC
                                        $
                                            7387
                                       $ 20181.
$ 12016.
$ 8165.
$ 9293.
$ 5694.
$ 3599
    COMM:
                  $ 32321.
                                                            $ 52501
                     19244.
13076.
                                                            $ 31260.
$ 21241.
    ATL
                  $
    PAC
                  $
    F18H:
                   $ 13857.
                                                             $ 23151
                      8490.
5367.
                                                               14184
     ATL
                  $
                                                            $
     PAC
                  $
                                                             $
                                                                 8966
    TOTAL: W/SAR $
                    50575.
                                        $ 66976.
                                                            $ 117551
                                                               67224
    ATL
                  $
                       30177.
                                       $ 37046. $ 29930.
                                                            4
     PAC
                  $
                       20398.
                                                            $
                                                                50328
                                        $ 53728.
    TOTAL: WOZSAR $
                       50575.
                                                            $ 610-
4 42941.
                       30177.
     ATL
                  $
                                       $
                                            31184
                                       $ 31184.
$ 22544.
     PAC
                  $
                       20398.
                                       PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                            TOTAL
                                       $ 28265.$ 17224.
                                                                51046.
    COMM:
                  $ 22781.
                                                             $
     ATL
                       13882.
                                                               31106.
                                       $ 11042.
$ 15737.
$ 9923.
$ 5815.
                                                               19941.
    PAC
                       8899.
                  $
                                                            $
                  $
    FISH:
                       10090.
                                                             $
                                                                 25827
                      6362.
                                                            $ 16285.
     AIL
                       3728.
    PAC
                  $
                                                            $
                                                                 9543
                                       $ 44003.
    TOTAL:
                  $
                      32871.
                                                                 76874
    ATL
                     20244.
                                       $ 27147.
                                                                 47390
                                                                29484.
     PAC
                                          16856.
                       12627.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                                          -1455.
                                0.9723
                                                       $
     AIL
                                0.9950
                                                             -155.
     PAC
                                0.9388
                                                            -1300
                                1. 1156
    FISH:
                                                             26/7
     ATL
                                1. 1481
                                                            2100
     PAC
                                1.0643
                                                              576
    TUTAL: W/SAR
                                0. 6540
                                                           -40677
     ATL
                                0.7050
                                                           -19833
     PAC
                               0.5858
                                                           -20844
                                                          -2/429
    FOTAL: WO/SAR
                                0. 7370
     ATL
                                0.7723
                                                           -13971
                                                       $ -13457.
     PAC
                                0. 6866
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ALERTING AND LOCATING

60 3 B 3B INST 2182A-A/C DF/H

6.1

3 B 3C INST HE A- A/C DE/H

GOVT COST: AC&1 \$ 4461600.

ALERTING AND LOCATING

ANNUAL 0&M \$ 900600.

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GOVI COST: AC&I $ 8630686.
                               ANNUAL 08M $ 1241800.
USER COST: UNIT COST $ 17000. QUANTITY OF 3651. LEARNING FACTOR 0.82
          PURCHASE PRICE: FROM $ 16810. TO $ 15194. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9980
                               ALERTING 0. 4999
                                                   LOCATING 0. 4981
         ES=0, 990 ET=0, 996 EA=0, 995 EP=GEOGRAPHIC
S&R UNITS: ES=0.990 ET=0.996 EA=0.995 EL=0.950 EP=GEOGRAPHIC
PASS SHIF: ES=0.990 ET=1.000 EA=0.995 EL=0.950 EP=1.000 LOCATING RANGE=200.N.M.
SYSTEM CARRIAGE AND WATCH:
                              CARRIAGE
                                                   MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022.
                                                   100. PERCENT
                         FROM 0. TO 0.
    FISHING VESSELS:
                                                   O. PERCENT
    AIRCRAFT MONITOR:
                             NU
                                                     O. PERCENT
COST: ($000)
                 A C & I
                                     PV 0 & E
                                                         TOTAL
                                                            15476.
   GOVT:
                 $
                      7846.
                                     $
                                          7630.
                                                         $
                      4359.
                                                             8598.
    ATL
                                          4239
                      3487.
                                                              6878.
    PAC
                                          3391
    SAR
                                     $
                                         13065.
                                                             13065
    ATL
                                         5785.
    PAC
                                     $
                                          7280.
    COMM
                 $ 362944.
                                     $ 227077.
                                                         $ 590021.
                                       135206.
                                                           351310.
    ATL
                    216104.
                                         91871.
                                                            238711.
                    146840.
    MAC
                 $
                                                         #
    FISH:
                 $
                         O.
                                     $
                                                         $
                         O.
                                     $
                                                         $
    ATL
                                            0.
    PAC
                        0
                                     $
                                            O.
                                                         $
    TOTAL: W/SAR
                   370790.
                                     $ 247772.
                                                         $ 618563.
                   220463.
                                       145230.
                                                          365694.
    ATL
                                                         $ 252869.
                    150327.
                                     $ 102542.
    PAC
    FOTAL: WO/SAR $
                    370790.
                                        234707.
                                                         $ 605498
                                       139445.
                    220463.
                                                           359908.
    ATL
     PAC
                 #
                    150327.
                                         95262.
                                                         $ 245589.
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                         TOTAL
                                                             52595
    COMM:
                    23472.
                                        29123.
                 $
     ATL
                 $
                     13926.
                                         17279.
                                                             31205.
                                                             21389.
    PAC
                 $
                      9546.
                                         11844.
    FISH:
                 $
                         0
                                         O.
                 $
                                                                 O.
     ATL
                         Q.
                                             O.
                        O.
     PAC
                                            O.
                     23472.
                                                             52595.
    TOTAL:
                                         29123.
                     13926.
                                                             31205.
     AIL
                                         17279.
                      9546.
     PAC
                                         11844.
                                                             21389.
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO:
                                                    BENEFITS MINUS COST:
   COMM:
                                                      -537426.
                              0.0891
     ATL
                              0.0888
                                                      -320105.
     PAC
                              0.0896
                                                       -217322.
                           NOT APPLICABLE
    FISH:
                                                             0
     ATL
                           NOT APPLICABLE
                                                             O.
                           NOT APPLICABLE
     PAC
                                                             0
    TOTAL: W/SAR
                              0.0850
                                                      -565968
     ATL
                              0.0853
                                                      -334488.
     PAC
                              0.0846
                                                       -231480.
    TOTAL: WO/SAR
                              0.0869
                                                      -552903.
                                                      -328703.
     ATL
                              0.0867
    PAC .
                              0.0871
                                                      -224200.
                                  C-62
```

INST SOOA-SHIP DEZH

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ALERTING AND LOCATING

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ALERTING AND LOCATING

560

-21506

-22539

-30590

-15640.

-14950

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63 3 B 4B

PAC

ATL

PAC

ATL

. PAC

FOTAL: W/SAR

TOTAL: WO/SAR

INST2182A-SHIP DE/H

C-63

1.0625

0. 6351

0. 6877

0. 5652

0.7148

0.7517

INST HE A-SHIP DE/H

ALERTING AND LOCATING

64 3 B 40

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65 3 B 5A
                 EP121/243AAO-ACDF/H
                                                  ALERTING AND LOCATING
GOVT COST: AC&I $ 2707500.
                               ANNUAL 0&M $ 4377600.
USER COST: UNIT COST $ 200. QUANTITY OF 3000. LEARNING FACTOR 0.88
          PURCHASE PRICE: FROM $ 193. TO $ 184. NUMBER OF PRODUCERS 8
                                                   LOCATING 0, 1567
SYSTEM EFFECTIVENESS: 0.3972 ALERTING 0.2405
         ES=0, 000 E1=0, 996 EA=0, 995
                                             EP=0, 000
S&R UNITS: ES=0.000 ET=0.996 EA=0.995 EL=0.950 EP=0.000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0.980 ET=1.000 EA=0.995 EL=0.500 EP=1.000
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                    MAINTAIN WATCH
                                                  O. PERCENT
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 10000 TO 10366
                                                     O. PERCENT
    AIRCRAFT MONITOR:
                              YES
                                                    100. PERCENT
CUST: ($000)
                                      PV 0 & E
                 A C & I
                                                          TOTAL
   GOVT:
                  $
                      2461.
                                      $
                                          26898.
                                                          $ 29360.
    ATL
                                         14944.
                     1367.
                                                             16311.
                                                             13049.
                      1094.
                                         11955.
    PAC
                  $
                                                          #
    SAR
                                          45569.
                                                              45569.
                                                          $
    ALL
                                         17913.
    PAC
                                          27656.
                                      $
    COMM:
                     4194.
                                      $
                                          2617.
                                                          $
                                                              6811.
                                         1558.
                     2497.
                                         1059.
1204.
                                                              2756.
                     1697.
                                      $
    PAC
                 $
                                                          $
    FISH:
                  $
                       1796.
                                      $
                                                               3001
                                          738.
466.
                     1100.
    ATL
                                                              1838.
                      696.
                                      $ 466.$ 76289.
    PAC
                                                          *
                                                               1162
                    8451.
    FOTAL: W/SAR
                  $
                                                              84740
    ATL
                                      $ 35153.
                      4965.
                                                            40118.
                      3486.
                                      $ 41136. $ 30720.
    PAC
                  $
                                                             44623
    TOTAL: WO/SAR $
                      8451.
                                                              39171.
                                      $ 17240.
                                                             22205.
    ATL
                      4965.
                                      $ 13480.
    PAC
                     3486
                                                             16967
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                          TOTAL
                                                          $ 30467.
                    13597.
   COMM:
                  $
                                      $ 16870.
    ATL
                  $
                       9833.
                                      $
                                          12200.
                                                              22032
                                          4670.
                                                              8435.
     PAC
                      3764.
                     6360.
4604.
                                           9920.
                                                             16280.
    FISH:
                                      $
    ATL
                  $
                                      $
                                           7181.
                                                             11784
                     1756.
                                          2739.
                                                              4495
     PAC
    COTAL:
                     19957.
                                          26790.
                                                              46747
    ATL
                  $
                     14436.
                                          19380.
                                                              33817
                      5520.
                                          7409.
                                                             12930.
MEASURES OF EFFECTIVENESS
                            BENEFIT COST RATIO:
                                                     BENEFITS MINUS COST:
   COMM:
                               4. 4731
                                                     $ 23656.
    ATL
                               5, 4328
                                                          1/977.
    PAC
                               3, 0608
                                                     $
                                                           5679.
    FISH:
                               5. 4256
                                                          13279.
                               6. 4101
    ATL
                                                          9946
                                                          3333.
     PAC
                               3.8682
    TOTAL: W/SAR
                               0.5516
                                                         -37994
                               0.8429
    ATL
                                                          -6301.
                               0. 2898
     PAC
                                                         -31693.
                              1. 1934
    TOTAL: WO/SAR
                                                          7575
    ATL
                               1. 5229
                                                          11612.
                               0.7621
  PAC
                                                          -4037
                                   C-65
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66
     3 B 5B EP 2182A- A/C DF/H
                                                  ALERTING AND LOCATING
GOVT COST: AC&I $ 1893200.
                               ANNUAL 0&M $ 3760000.
USER COST: UNIT COST $ 350. QUANTITY OF 3000. LEARNING FACTOR 0.88
          PURCHASE PRICE: FROM $ 338. TO $ 323. NUMBER OF PRODUCERS 8.
SYSTEM EFFECTIVENESS: 0,5632
                                ALERTING 0.3384
                                                    LOCATING 0, 2248
         ES=0. 944 ET=0. 996 EA=0. 995
                                             EP=0, 000
S&R UNITS: ES=0. 944 ET=0. 996 EA=0. 995 EL=0. 280 EP=0. 000
PASS SHIP: ES=0. 944 ET=1. 000 EA=0. 995 EL=0. 280 EP=1. 000 LOCATING RANGE= 16. N. M.
                              CARRIAGE
SYSTEM CARRIAGE AND WATCH:
                                                   MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022. FISHING VESSELS: FROM 10000 FO 10366.
                                                   10. PERCENT
                                                    90. PERCENT
   AIRCRAFT MONITOR:
                                                    O. PERCENT
                 A C & I
COST: ($000)
                                     PV 0 & E
                                                         TOTAL
   GOVT:
                     1721.
                                         23104.
                                                         $ 24825.
                 $
                                     $
    ATL
                 $
                       956.
                                     $
                                         12835.
                                                         $
                                                             13791.
    PAC
                                                             11033.
                       765.
                                     $
                                         10268.
   SAR
                                         44550
                                                             44550.
                                     $
                                                         $
    ATL
                                     $
                                         16545.
    PAC
                                         28004.
   COMM:
                 $ 7340
                                                         $ 11919.
                                     $
                                          4530
                                                             7097
    ATL
                 $
                      4370.
                                     $
                                         2727.
                                         1853.
2108.
    PAC
                      2969.
                                                              4822.
                                                              5251.
   FISH:
                      3143.
                                     $
                                         1291.
816.
                                                             3217.
    ATL
                     1926.
                                     $
    MAC
                      1217.
                                     $
                                                              2034.
                                     $ 74341.
                                                            86545.
    TOTAL: W/SAR $
                     12204.
                                                            40651
                     7252.
                                     $ 33399.
    ATL
                                         40942.
29791.
    PAC
                 $
                      4952.
                                                             45894.
    TOTAL: WO/SAR $
                                                            41995.
                     12204.
                                     $
    ATL
                 $
                     7252.
                                     $
                                        16854.
                                                            24106.
    PAC
                      4952.
                                         12938.
                                                             17889
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                         TOTAL
                                                         $ 36847.
$ 25155
                 $ 16444.
$ 11226.
   COMM:
                                        20403.
                                         13929.
                                                             25155.
    AIL
    PAC
                      5218.
                                         6474.
                                                         $ 11692.
                                                           23852
                                         14534.
9645.
4888.
    FISH:
                      9318.
    ATL
                 4
                      6184.
    PAC
                     3134.
                                         34937.
                 $
    TOTAL:
                                                             60699
                     25762.
    ATL
                 $
                     17410.
                                         23574.
                                                         $
                                                             40984
                                         11362.
                                                             19714.
                      8352.
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO:
                                                    BENEFITS MINUS COST:
                              3.0913
                                                       24927.
    ATL
                              3, 5444
                                                         18058.
                              2. 4245
    PAC
                                                    $
                                                          6869
                              4. 5425
    FISH:
                                                         18601
                              4. 9203
                                                        12612
    ATL
                                                    $
                              3. 9448
    PAC
                                                    $
                                                          5989
    TOTAL: W/SAR
                              0. 7014
                              1.0082
    ALL
                                                          333
    PAC
                              0. 4296
                                                    $
                                                        -26179.
    TOTAL: WO/SAR
                              1. 4454
                                                         18704.
                              1. 7002
    AIL
                                                        16879
  PAC
                              1. 1020
                                                          1825
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3 B 50S
                 ECAS- 2182 A/C DF/H
                                                  ALERTING AND LOCATING
                               ANNUAL 0&M $ 1000000.
GOVT COST: AC&1 $ 62652000.
USER CUST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 797. TO $ 760. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS:
                                                    LOCATING 0. 4782
                     0. 9750
                               ALERTING 0. 4969
                                             EP=1, 000
          ES=0. 944 ET=1. 000 EA=0. 995
S&R UNITS: ES=0, 880 ET=1, 000 EA=0, 995 EL=0, 850 EP=1, 000
PASS SHIP: ES=0, 880 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE= 37, N. M.
PASS SHIP: ES=0.880 ET=1.000 EA=0.995 EL=0.850 EP=1.000 LOCATING RANGE= 32.N.M.
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
                                                    MAINTAIN WATCH
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                   10. PERCENT
   COMMERCIAL SHIPS: FROM 18985 TO 27022
                     FROM 10000 TO 10366.
YES
    FISHING VESSELS:
                                                    90. PERCENT
   AIRCRAFT MONITOR:
                                                    100. PERCENT
                                      PV O & E
COST: ($000)
                 A C & I
                                                          TOTAL
   GUVT:
                 $ 56956.
                                          6145
                                                          $ 63101.
                    31642.
                                           3414.
                                                              35056.
    PAC
                     25314.
                                           2731.
                                                              28045.
    SAR
                                         13447.
                                                              13447.
    ATL
                                           5961.
    PAC
                                           7486.
                 $ 17306.
                                      $ 10799.
    COMM:
                                                            28105.
                                         6430.
                    10304.
    AIL
                     7002.
7411.
    PAC
                                          4369.
                                                              11371.
                                          4970.
    FISH:
                                                              12381.
                                         3045.
                     4541.
    PAC
                      2870.
                                          1925.
                                                              4795.
    TOTAL: W/SAR $
                    81674.
                                      $ 35361.
                                                          $ 117034.
                                      $ 18849.
                      46488.
                                      $ 16511.
$ 21914.
    PAC
                     35186.
                                                              51697
    TOTAL: WO/SAR $
                                                          $ 103587
                     81674.
           $
                      46488.
                                      $ 12889.
                                                              59376
                     35186.
                                         9025.
                                                              44211.
     PAC
BENEFITS: ($000) FATALITIES
                                      PROP DAMAGE
                                                          TOTAL
                                                            52001.
                 $ 23207.
$ 13877.
                                      $ 28794.
$ 17217.
   COMM:
    ATL
                                        11577.
     PAC
                      9331.
                                                             20908.
                     10128.
    FISH:
                                         15797.
                                                              25925.
                                                             16284.
                      6362.
                                          9977
    ATL
     PAC
                     3766.
                                          5875.
    TOTAL:
                     33335.
                                          44591.
                                                              47378
                                         27140
     ATL
                     20238.
                     13097.
                                        17452.
                                                              30549.
                           BENEFIT COST RATIO:
MEASURES OF EFFECTIVENESS
                                                     BENEFITS MINUS COST:
                              1.8502
                                                        23896.
     ATL
                               1.8581
                                                          14359
                               1. 8387
                                                          9537
     PAC
    FISH:
                               2. 0939
                                                         13544
                               2. 1467
     ATL
     PAC
                               2.0105
                               0. 6658
    TOTAL: W/SAR
                                                         -39108
                               0. 7251
                                                         -17959
     ATL
     PAC
                               0.5909
                                                         -21149
                               0. 7523
    TOTAL: WO/SAR
                                                        -25661
     ATL
                               0. 7979
                                                         -11998.
                               0.6910
     PAC
                                                         -13662.
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3 B 50D

68

ECAS- 2182 A/C DF/H

ALERTING AND LOCATING

25377

16397

21175 13574

-18400.

-14231-3083. 2266.

-4169

-5349

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3 B 5DS ECAS-121/243AC DF/H

ATL.

PAC

FISH:

ATL

ATL PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

7. 0658

6.7682

7. 8410

8, 1575 7. 3403

0.7988

0. 9153

0.6633

0. 9595 1.0530

0.8398

70

3 B 5DD

ECAS-121/243AC DF/H

ALERTING AND LOCATING

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GOVT COST: AC&1 $ 64108000.
                                   ANNUAL O&M $
                                                  1235000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000.
                                                         LEARNING FACTOR 0.88
            PURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9375
                                   ALERTING 0.4842
                                                         LOCATING 0, 4533
           ES=0. 944 ET=1. 000 EA=0. 995
                                                   EP=1, 000
S&R UNITS: ES=0. 914 ET=1. 000 EA=0. 995 EL=0. 950 EP=1. 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
SYSTEM CARRIAGE AND WATCH:
                                   CARRIAGE
                                                         MAINTAIN WATCH
                           FROM 18985. TO 27022.
FROM 10000. TO 10366.
    COMMERCIAL SHIPS:
                                                           O. PERCENT
    FISHING VESSELS:
                                                           O PERCENT
    AIRCRAFT MONITOR:
                                  YES
                                                         100. PERCENT
COST: ($000)
                   A C & 1
                                          PV 0 & E
                                                                TOTAL
                                               7589.
    GOVT:
                    $
                        58280.
                                                                $
                                                                    65869.
     AIL
                        32378.
                                               4216.
                                                                    36594.
                                                                $
     PAC
                                                                    29275.
                        25902.
                                               3373
                                                                $
    SAR
                                              14759.
                                                                    14759.
     ATL
                                               6425.
     PAC
                                               8335
    COMM:
                    $
                         8172.
                                               5100.
                                                                    13272.
     AIL
                         4866.
                                               3036.
                                                                $
                                                                     7902.
     PAC
                    $
                         3306.
                                               2063
                                                                      5370.
                                                                $
    FISH:
                         3500.
                    $
                                               2347.
                                                                     5847.
     ATL
                    $
                         2144.
                                               1438.
                                                                     3582.
                         1355.
     PAC
                                                909
                                                                     7764
                                             29794.
                                                                    99746.
    TOTAL: W/SAR
                   $
                        69952.
     ATL
                        39388.
                                              15115.
                                                                    54503.
     PAC
                        30564.
                                              14679.
                                                                    45243.
                                              15035.
    TOTAL: WO/SAR $
                        69952
                                                                    84987
     ATL
                    $
                        39388.
                                               8690.
                                                                $
                                                                    48078.
     PAC
                        30564.
                                               6345.
                                                                    36909.
BENEFITS: ($000) FATALITIES
                                          PROP DAMAGE
                                                                TOTAL
    COMM:
                    $
                        22423.
                                            27821.
                                                                    50244.
                                                                $
                        13478.
     ATL
                    $
                                              16723.
                                                                $
                                                                    30201.
     PAC
                    $
                         8945.
                                              11098.
                                                                $
                                                                    20043.
    FISH:
                         9740.
                                             15191.
                                                                    24931.
                                                                    15791.
                         6169.
                                               9622.
     ATL
                    $
     PAC
                         3571.
                                               5569.
                                                                     9140.
    TOTAL:
                        32163.
                                              43012.
                                                                    75175.
                        19647.
     ATL
                   $
                                              26345
                                                                    45991
                                          $
                                                                $
     PAC
                        12516.
                                              16668.
                                                                #
                                                                    29183.
MEASURES OF EFFECTIVENESS
                              BENEFIT COST RATIO:
                                                          BENEFITS MINUS COST:
    COMM:
                                  3. 7857
                                                                36972.
                                                                22298
     ATL
                                  3, 8218
     PAC
                                                                14674
                                  3. 7328
    FISH:
                                  4. 2641
                                                                19084
                                  4. 4081
     ATL
                                                                12208
                                  4. 0363
     PAC
                                                                 6876
    TOTAL: W/SAR
                                  0. 7537
                                                               -24571
     ATL
                                  0.8438
                                                               -8511
     PAC
                                  0.6450
                                                               -16060
    TOTAL: WO/SAR
                                  0.8845
                                                                -9812
     ATL
                                  0.9566
                                                                -2087
                                  0. 7907
     PAC
                                                                -7726
```

71

3 B 5ES

ECAS-VHFFM A/C DF/H

ALERTING AND LOCATING

Company of the contract of the second of the contract of the c

```
GOVT COST: AC&I $ 115738000.
                                  ANNUAL 0&M $
                                                  1377000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000.
                                                       LEARNING FACTOR 0.88
            PURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9375 ALERTING 0. 4842
                                                        LOCATING 0. 4533
           ES=0. 944 ET=1. 000 EA=0. 995
                                                  EP≈1, 000
S&R UNITS: ES=0. 914 ET=1. 000 EA=0. 995 EL=0. 950 EP=1. 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0. 980 ET=1. 000 EA=0. 995 EL=0. 500 EP=1. 000
    TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                         MAINTAIN WATCH
                                                          O. PERCENT
                                                           O. PERCENT
                                 YES
    AIRCRAFT MONITOR:
                                                         100. PERCENT
COST: ($000)
                   A C & 1
                                         PV 0 & E
                                                               TOTAL
                   $ 105216.
    GOVT:
                                         $
                                               8461.
                                                               $ 113677
                       58454.
                                               4701.
     ATL
                                                                    63154.
     PAC
                        46763.
                                               3760
                                                                    50523.
                                         $
                                                               $
    SAR
                                         $
                                              14759.
                                                                  14759.
     ATL
                                              6425.
     PAC
                                               8335
                                         $
    COMM:
                      8172
                                         $
                                               5100.
                                                               $
                                                                  13272.
     ATL
                         4866.
                                         $
                                               3036.
                         3304
                                                                     5370
     PAC
                                         $
                   $
                                               2063.
                                                               $
    FISH:
                         3500.
                                         $
                                               2347.
                                                                  5847.
                         2144.
     ATL
                                              1438.
                                                                     3582.
                        1355.
     PAC
                                         $
                                               909
                   $
                                                                     7764
    TOTAL: W/SAR $ 116888.
                                         $
                                             30667.
                                                               $ 147555.
                   $
                        65464.
                                              15599.
     ATL
                                                                   81063.
                                                                  66492.
                        51425.
     PAC
                                              15067.
                   $
                                         $
                                                                  132796.
    TOTAL: WO/SAR $
                     116888.
                                         $
                                              15908.
     AIL
                   $
                        65464.
                                         $
                                               9175.
                                                                    74639
                       51425.
     PAC
                                                                  58157.
                                         $
                                               6733.
BENEFITS: ($000) FATALITIES
                                         PROP DAMAGE
                                                               TOTAL
                                                               $ 50244.
    COMM:
                                            27821.
                   $ 22423
                                         $
     ATL
                        13478
                                         $
                                              16723.
                                                                    30201.
     PAC
                         8945.
                                         $
                                              11098.
                                                                    20043.
                                                                  24931.
                        9740.
                                             15191.
    FISH:
                   $
                                         $
                                                               $
     ATL
                         6169.
                                               9622.
                                                                  15791.
     PAC
                         3571.
                                               5569.
                                                                     9140.
    TOTAL:
                       32163.
                                              43012
                                                                    75175
                   $
                                         $
                                                               $
     ATL
                        19647.
                                         $
                                              26345.
                                                                    45991.
     PAC
                        12516.
                                              16668.
                                                                    29183.
                              BENEFIT COST RATIO:
MEASURES OF EFFECTIVENESS
                                                          BENEFITS MINUS COST:
                                  3, 7857
    COMM:
                                                               36972.
                                  3, 8218
     ATL
                                                               22298
     PAC
                                  3, 7328
                                                               14674
    FISH:
                                  4. 2641
                                                               19084.
                                  4. 4081
     ATL
                                                          $
                                                               12208
     PAC
                                  4. 0363
                                                                6876.
    TOTAL: W/SAR
                                  0.5095
                                                              -72380.
                                  0. 5674
     ATL
                                                              -35072
     PAC
                                  0.4389
                                                              -37309.
    TOTAL: WO/SAR
                                  0. 5661
                                                              -57621
     ATL
                                  0 6162
                                                              -28647
     PAC
                                  0.5018
                                                              -28974
                                      C-72
```

77

3 B SED

ECAS-VHFFM A/C DF/H

ALERTING AND LOCATING

```
GOVI COST: AC&I $ 64288000.
                               ANNUAL 0&M $ 1235000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000. LEARNING FACTOR 0,88
           PURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0, 9622 ALERTING 0, 4842
                                                    LOCATING 0, 4780
         ES=0, 944 ET=1, 000 EA=0, 995 EP=1, 000
S&R UNITS: ES=0.990 ET=1.000 EA=0.995 EL=0.950 EP=1.000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0. 980 ET=1, 000 EA=0. 995 EL=0. 500 EP=1, 000
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                     MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 10000 TO 10366.
                                                   O. PERCENT
                                                      O. PERCENT
    AIRCRAFT MONITOR:
                                                     100, PERCENT
COST: ($000)
                  AC&I
                                      PV 0 & E
                                                           TOTAL
                 $ 58444.
                                                           $ 66032.
   GOVT:
                                       $ 7589.
                  $ 32469.
    ATL
                                       $
                                            4216.
                                                           $
                                                               36685.
     PAC
                      25975.
                                       $
                                            3373.
                                                           $
                                                               29348.
    SAR
                                         14220.
                                                               14220.
    ATL
                                            6100.
     PAC
                                            8120.
    COMM:
                     8172.
                                            5100.
                                                              13272.
                                                               7902.
                     4866.
                                          3036.
2063.
    ATL
                  $
                                       $
                                                           $
     PAC
                  $
                      3306.
                                       $
                                                           $
                                                                5370.
                     3500.
                                          2347.
    FISH:
                                                               3582.
                     2144.
                                          1438.
    ATL
                  $
                                       $
     PAC
                       1355.
                                       $
                                            909.
                                                                2264.
                     70116.
                                       $ 29255.
                                                               99371.
    TOTAL: W/SAR $
                                       $ 14790.
$ 14465.
    ATL
                                                               54269
                      39479
     PAC
                      30637.
                                                           $
                                                               45101.
    TOTAL: WO/SAR $
                      70116.
                                       $ 15035.
                                                               85151.
                  $
                      39479
                                       $
                                            8690
     ATL
                                                               48169
     PAC
                  $
                      30637.
                                       $
                                           6345.
                                                               36982.
                                      PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                           TOTAL
                                       $ 28354.
    COMM:
                  $
                     22852.
                                                           $
                                                              51206.
                                         16959.
                     13669.
    ATL
    PAC
                       9184.
                                          11395.
                                                               20579.
                     9107.
9912.
                                       $ 15460.
    FISH:
                  $
                                                           $
                                                               25371.
                     6252.
                                          9752.
    ATL
                                                              16004.
                      3659.
    PAC
                                           5708.
                                                                9367.
    TOTAL:
                    32764.
                                       $ 43813.
                                                               76578.
                                                           $
     ATL
                     19921.
                                          26711.
                                                               46632.
    PAC
                      12843.
                                          17102.
                                                               29946.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
                               3, 8583
                                                          37934.
                                3, 8758
     ATL
                                                           22725
     PAC
                                3. 8325
                                                           15209
    FISH:
                                4. 3394
                                                           19525.
                               4. 4677
4. 1366
    ATL
                                                          12422
    PAC
                                                            7103
    TOTAL: W/SAR
                               0.7706
                                                          -22793
    ATL
                               0.8593
                                                           -7637
                               0.6640
                                                          -15156
    PAC
    TOTAL: WO/SAR
                               0.8993
                                                           -8573.
    ATL
                               0.9681
                                                           -1537.
                               0.8097
  PAC
                                                           -7036
```

ECAS-UHFAM A/C DF/H

ALERTING AND LOCATING

The transfer of the first of the contract of the production of the contract of

73 3 B 5FS

```
GOVT COST: AC&1 $ 115918000.
                                ANNUAL 0&M $ 1377000
USER COST: UNIT COST $ 425. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 374. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9622 ALERTING 0. 4842
                                                    LOCATING 0. 4780
         ES=0. 944 ET=1. 000 EA=0. 995
                                              EP=1, 000
S&R UNITS: ES=0, 990 ET=1, 000 EA=0, 995 EL=0, 950 EP=1, 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
                                                     MAINTAIN WATCH
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
   COMMERCIAL SHIPS: FROM 18985 TO 27022
FISHING VESSELS: FROM 10000 TO 10366.
AIRCRAFT MONITOR: YES
                                                    O. PERCENT
                                                       O. PERCENT
                                                     100. PERCENT
COST: ($000)
                  A C & I
                                      PV 0 & E
                                                           TOTAL
                                          8461.
                                                           $ 113841.
                  $ 105380.
   GOVT:
                                       $
    ATL
                  $ 58544.
                                           4701.
                                                              63245.
    PAC
                      46836.
                                       $
                                           3760.
                                                           $
                                                               50596.
                                         14220.
   SAR
                                                           $
                                                               14220
    ATL
                                           6100.
    PAC
                                           8120.
                      8172.
                                                              13272.
   COMM:
                                       $
                                           5100.
    ATL
                      4866.
                                         3036.
                                                               7902.
                                      $ 2063.$ 2347.
                  $
                      3306.
                                                                5370.
    PAC
                                                           $
                     3500.
   FISH:
                                      $ 2347.
$ 1438.
                                                           $
                                                                5847
                     2144.
                                                                3582.
                       1355.
                                            909.
    PAC
                                       $
                                                           #
                                                                2264
                                      $ 30127.
                                                           $ 147180.
    TOTAL: W/SAR $ 117052.
    ATL
                    65555.
                                       $ 15275.
                                         14852.
15908.
                  $
                      51497.
                                                               66350.
    PAC
                                      $
                                                           $
                                                           $ 132960.
    TOTAL: WO/SAR $ 117052.
                                      $
                  $
                    65555.
                                       $
                                          9175.
                                                              74730
    PAC
                  $
                      51497.
                                      $
                                         6733
                                                              58230
BENEFILS: ($000) FATALITIES
                                       PROP DAMAGE
                                                           TOTAL
                                                              51206.
                                      $ 28354.
$ 16959.
   COMM:
                  $ 22852.
    ATL
                  $
                      13669.
                                                               30628
                                         11395.
                                                               20579.
    PAC
                     9184.
                                         15460.
                     9912
                                                               25371.
   FISH:
                  $
                                                           $
    ATL
                  $
                      6252.
                                           9752.
                                                           $
                                                               16004.
                                         9752.
5708.
                      3659.
                                                                9367
    PAC
    TOTAL:
                      32764.
                                          43813.
                  $
                                                               76578
                                       $
                                                           $
                                         26711.
                    19921.
    ATL
                  $
                                       $
                                                           $
                                                               46632
                                         17102.
                                                              29946.
                     12843.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                      BENEFITS MINUS COST:
                                                         37934.
                               3, 8583
    ATL
                                3, 8758
                                                           22725.
                               3. 8325
    PAC
                                                           15209
   FISH:
                                4. 3394
                                                          19525.
                                                          12422.
                               4. 4677
    ATL
    PAC
                               4. 1366
                                                            7103
    TOTAL: W/SAR
                               0.5203
                                                          -70602
    ATL
                               0. 5769
                                                          -34198.
    PAC
                               0.4513
                                                          -36404
    FOTAL: WO/SAR
                               0. 5759
                                                          -56382
    ATL
                               0. 6240
                                                          -28098.
  PAC
                               0.5143
                                                         -28284.
```

3 B 5FD

ECAS-UHFAM A/C DF/H

ALERTING AND LOCATING

ECAS-VHFAM A/C DF/H

ALERTING AND LOCATING

-22793

-7637

-15156.

-8573

-1537

-7036.

75 3 B 5GS

TOTAL: W/SAR

TOTAL: WO/SAR

ATL

PAC

ATL

PAC

0. 7706

0.8593

0.6640

0.8993

0.9681

0.8097

```
ANNUAL 0&M $ 1377000.
GOVT COST: AC&1 $ 115918000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000.
                                                      LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 374. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.9622 ALERTING SHORE: ES=0.944 ET=1.000 EA=0.995
                                 ALERTING 0, 4842
                                                        LOCATING 0. 4780
                                                  EP=1. 000
S&R UNITS: ES=0. 990 ET=1. 000 EA=0. 995 EL=0. 950 EP=1. 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0. 980 ET=1. 000 EA=0. 995 EL=0. 500 EP=1. 000
SYSTEM CARRIAGE AND WATCH:
                                  CARRIAGE
                                                        MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022
FISHING VESSELS: FROM 10000 TO 10366.
                                                        O. PERCENT
                                                           O. PERCENT
    AIRCRAFT MONITOR:
                                 YES
                                                        100. PERCENT
COST: ($000)
                   AC&I
                                         PV 0 & E
                   $ 105380.
                                                               $ 113841.
    GOVT:
                                         $
                                               8461.
                                                                   63245.
                       58544.
     ATL
                   $
                                         $
                                               4701.
                                                               $
     PAC
                                               3760.
                                                                    50596.
                        46836.
    SAR
                                             14220.
                                                                   14220.
     ATL
                                               6100.
     PAC
                                               8120.
    COMM:
                        8172.
                                         $
                                               5100.
                                                                  13272.
     ATL
                        4866.
                                         $
                                               3036.
                                                               $
                                                                    7902
     PAC
                         3306.
                                              2063.
                                                                    5370.
                                             2347.
1438.
                         3500.
                                         $
                                                                    5847
    FISH:
     ATL
                   $
                         2144.
                                         $
                                                                     3582
                                                909.
     PAC
                        1355.
                                                                    2264.
                                             30127.
                                                               $ 147180.
    TOTAL: W/SAR $ 117052.
                                         $
     ATL
                        65555.
                                              15275.
                                                                   80830.
                        51497.
                                                                   66350.
     PAC
                                             14852.
                      117052.
                                             15908
    TOTAL: WO/SAR $
                                                               $ 132960.
                                         $
     ATL
                   $
                        65555.
                                         $
                                               9175.
                                                                   74730.
                        51497.
                                              6733.
                                                                   58230.
     PAC
BENEFITS: ($000) FATALITIES
                                                               TOTAL
                                         PROP DAMAGE
                                                               $ 51206.
    COMM:
                   $ 22852.
                                           28354.
                                                                   30628.
                   $
                                             16959
     ATL
                        13669
                                         $
     PAC
                   $
                         9184
                                         $
                                             11395.
                                                               $
                                                                    20579.
    F1SH:
                         9912.
                                            15460.
                                                                   25371.
                                                                  16004
                                             9752.
                         6252.
     ATL
                   $
                                         $
     PAC
                         3659.
                                               5708.
                                                                    9367
    TOTAL:
                       32764.
                                             43813.
                                                                   76578.
                       19921.
                                             26711.
                                                                   46632.
     ATL
                   $
     PAC
                       12843.
                                              17102.
                                                                   29946.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                          BENEFITS MINUS COST:
    COMM:
                                  3, 8583
                                                               37934
                                  3, 8758
     ATL
                                                               22725.
     PAC
                                  3, 8325
                                                               15209
    FISH:
                                  4. 3394
                                                          $
                                                               19525
                                  4. 4677
                                                               12422
     ATL
                                  4. 1366
     PAC
                                                                7103.
    TOTAL: W/SAR
                                  0.5203
                                                              -70602
     ATL
                                  0.5769
                                                              -34198.
                                 0.4513
     PAC
                                                              -36404
    TOTAL: WO/SAR
                                 0. 5759
                                                              -56382.
                                  0. 6240
    ATL
                                                              -28098.
   PAC
                                  0.5143
                                                              -28284.
                                      C-76
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Principal and the second of the second second

ECAS-VHFAM A/C DF/H

3 B 5GD

ALERTING AND LOCATING

```
USER COST: UNIT COST $ 200. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 193. TO $ 184. NUMBER OF PRODUCERS 8.
SYSTEM EFFECTIVENESS: 0.3972 ALERTING 0.2405
                                                      LOCATING 0. 1567
SHORE: ES=0, 000 ET=0, 996 EA=0, 995
                                                EP=0, 000
S&R UNITS: ES=0.000 ET=0.996 EA=0.995 EL=0.620 EP=0.000
PASS SMIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
                                  CARRIAGE
SYSTEM CARRIAGE AND WATCH:
                                                       MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
                                                       0. PERCENT
                                                         O. PERCENT
    AIRCRAFT MONITOR:
                                                       100. PERCENT
                                YES
                                        PV 0 & E
COST: ($000)
                   A C & I
                                                              TOTAL
                                                              $ 26255.
$ 14586.
    GOVT:
                   $
                         312.
                                             25944.
                   $
                                             14413
     ATL
                         173
                                        $
                                                                 11669.
     PAC
                   $
                         139.
                                        $
                                             11530.
                                                              $
    SAR
                                        $
                                           134888.
                                                              $ 134888.
                                             54376
     ATI
                                        $
     PAC
                                        $
                                             80513.
    COMM:
                   $
                        4194.
                                             2617.
                                                                   6811.
                                                                   4055.
                        2497
                                        $
                                             1558
     ATL
                   $
                                                              $
                                            1059.
                                                                   2756
     PAC
                   $
                       1697.
                                        $
                                                              $
                                            1204.
    FISH:
                        1796.
                                        $
                                                                   3001.
                        1100.
                                        $
                                             738.
                                                                   1838.
                   $
     ATI
                                             466.
     PAC
                         696.
                                        $
                                                              $
                                                                  1162
    TOTAL: W/SAR $
                        6302.
                                        $ 164654.
                                                              $ 170955.
                                                                  74856.
                        3771.
                                        $
                                           71085.
     ATL
                   $
                                             93568.
                                                                  96099
     PAC
                        2531.
                                        $
    TOTAL: WO/SAR $
                        6302.
                                        $
                                             29765.
                                                                  36067.
                                                                  20480.
                        3771
                                        $
                                             16709.
     ATL
                   $
                                                              $
                                                                 15587
     PAC
                        2531.
                                           13056.
                                                              $
                                        PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                              TOTAL
                                                                30467.
                                            16870.
    COMM:
                   $ 13597.
                                        $
                                                              $
     ATL
                        9833.
                                        $
                                             12200.
                                                                  22032
                        3764.
                                        $
                                             4670.
     PAC
                   $
    FISH:
                        6360.
                                             9920.
                                        $
                                                                 16280
     ATL
                        4604.
                                        $
                                             7181.
                                                                  11784.
                                                                  4495
     PAC
                        1756.
                                             2739.
    TOTAL:
                       19957
                                             26790.
                                                                  46747
                                        $
     ATL
                   $
                       14436.
                                        $
                                             19380.
                                                                  33817
                                                                  12930.
     PAC
                        5520.
                                             7409.
                            BENEFIT COST RATIO:
MEASURES OF EFFECTIVENESS
                                                        BENEFITS MINUS COST:
    COMM:
                                 4. 4731
                                                             23656.
                                 5, 4328
                                                        $
                                                              17977
     ATL
     PAC
                                 3.0608
                                                        $
                                                              5679
                                 5. 4256
                                                             13279.
    FISH:
     ATL
                                 6. 4101
                                                        $
                                                               9946
                                 3 8682
                                                               3333
     PAC
                                 0. 2734
    TOTAL: W/SAR
                                                           -124209.
                                 0.4518
     ATL
                                                             -41039
                                 0.1345
                                                            -83170
     PAC
    TOTAL: WO/SAR
                                1. 2961
                                                             10680.
                                 1. 6512
    ATL
                                                             13337.
   . PAC
                                 0.8295
                                                             -2657
```

EP121/243A0~SP DF/H

ANNUAL 0&M \$ 4222200.

ALERTING AND LOCATING

77 3 B 6A

GOVT COST: AC&I \$ 342868.

3 B 6B

EP 2182A - SP DF/H

ALERTING AND LOCATING

C-78

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ECAS- 2182 SP DF/H
     3 B 60S
                                                      ALERTING AND LOCATING
GOVT COST: AC&1 $ 63809000.
                                 ANNUAL O&M $
                                               1176000.
USER COST: UNIT COST $ 900. QUANTITY OF 3000.
                                                     LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 797. TO $ 760. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9594
                                  ALERTING 0. 4969
                                                      LOCATING O. 4626
                                                EP=1. 000
          ES=0. 944 ET=1, 000 EA=0, 995
S&R UNITS: ES=0. 880 ET=1, 000 EA=0, 995 EL=0, 700 EP=1, 000
PASS SHIP: ES=0, 880 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE= 37, N. M.
PASS SHIP: ES=0. 880 ET=1. 000 EA=0. 995 EL=0. 700 EP=1. 000 LOCATING RANGE= 32. N. M.
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
SYSTEM CARRIAGE AND WATCH:
                                 CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
                                                      10. PERCENT
                          FROM 10000. TO 10366.
                                                       90. PERCENT
    FISHING VESSELS:
    AIRCRAFT MONITOR:
                                YES
                                                      100. PERCENT
COST: ($000)
                                        PV 0 & E
                  A C & I
                                                             TOTAL
                                                                65234.
    GOV1:
                      58008.
                                            7226.
                  $
                                        $
                                                             $
    ATL
                       32227.
                                             4014.
                                                                 36241.
                  $
                                                             $
                                                                 28993.
     PAC
                       25781.
                                            3212.
    SAR
                                                                 13376.
                                           13376
     ATL
                                             5994.
     PAC
                                            7382.
    COMM:
                       17306.
                                           10799.
                                                                 28105.
    ALL
                     10304.
                                           6430
                                                               16734.
                  $
                                                             $
                      7002.
     PAC
                                            4369.
                                                                11371
                                            4970.
    FISH:
                       7411.
                                                                12381.
                                           3045.
    ATL
                       4541
                                                             $
                                                                 4795.
                                            1925.
     PAC
                       2870.
                                                             $
                                          36371.
    TOTAL: W/SAR
                       82726.
                                                             $ 119096
                                        $ 19483.
                      47072.
                                                                66555.
     ATL
                                        $ 16887.
$ 22995.
                                                                 52541.
     PAC
                       35654.
    FOTAL: WO/SAR &
                      82726.
                                                                105721
                                          13489.
                       47072.
                                                                60561.
     ATL
                  $
                                             9506.
                                                                 45159
     PAC
                       35654.
                                        $
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
                                        $ 28545.
$ 17157.
                                                                 51552.
    COMM:
                  $ 23007.
     ATL
                   $
                       13828.
                                                             $
                                                                 30985
     PAC
                        9179.
                                          11388.
                                                                 20567.
                                           15770.
    FISH:
                      10111.
                                                                 25881.
                  $
     ATL
                   $
                        6360.
                                             9920.
                                                                 16280.
                        3751.
                                            5850.
    TOTAL:
                                            44315.
                                                                 77433.
                   $
                       33117
     ATL
                       20188.
                                           27077.
                                                             $
                                                                 47265
                                          17238.
     PAC
                     12929.
                                                                 30168.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                1.8343
                                                            23447.
                                1.8516
     WIL
                                                             14251
     PAC
                                1.8087
                                                              9196
                                2. 0903
                                                            13499
    FISH:
                                                              8694
                                2. 1460
     ATL
                                2.0021
     PAC
                                                             4806
    TOTAL: W/SAR
                                0.6502
                                                           -41663
     ATL
                                0.7102
                                                           -19290
                                0. 5742
                                                           -22373.
     PAC
    TOTAL: WO/SAR
                                0. 7324
                                                           -28288
   . ATL
                                0.7804
                                                            -13296
     PAC
                                0.6680
                                                            -14991
                                    C-79
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GOVT COST: AC&I $ 115439000.
                                 ANNUAL 0&M $ 1319000
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 797. TO $ 760. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 9594
                                 ALERTING 0. 4969
                                                       LOCATING 0. 4626
         ES=0. 944 ET=1. 000 EA=0. 995 EP=1. 000
S&R UNITS: ES=0. 880 ET=1. 000 EA=0. 995 EL=0. 700 EP=1. 000
PASS SHIP: ES=0, 880 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE= 37, N. M.
PASS SHIP: ES=0.880 ET=1.000 EA=0.995 EL=0.700 EP=1.000 LOCATING RANGE= 32.N.M.
A/C OVRFL: ES=0. 980 ET=1. 000 EA=0. 995 EL=0. 500 EP=1. 000
   TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                       MAINTAIN WATCH
                                                     10. PERCENT
                                                       90. PERCENT
    AIRCRAFT MONITOR:
                                YES
                                                       100. PERCENT
COST: ($000)
                                        PV 0 & E
                  A C & I
                                                             TOTAL
                                                             $ 113049.
    GOVT:
                   $ 104945.
                                           8105.
     ATL
                       58303.
                                        $
                                             4503.
                                                                  62805.
     PAC
                   $
                       46642.
                                        $
                                             3602.
                                                             $
                                                                  50244.
    SAR
                                           13376.
                                                                13376.
     ATL
                                             5994.
     PAC
                                        $
                                             7382.
    COMM:
                   $ 17306.
                                          10799.
                                                             $ 28105.
                                        $ 6430.
$ 4369.
    ATL
                  $
                       10304.
                                                                  16734.
                                                             $
                       7002
     PAC
                  $
                                                             $
                                                                  11371.
    FISH:
                   $
                      7411.
                                        $ 4970.
                                                                12381
                       4541.
2870.
                                        $ 3045.
$ 1925.
    ATL
                  $
                                                                  7586
                                                             $
     PAC
                   $
                                                             $
                                                                  4795
    FOTAL: W/SAR $
                     129662.
                                        $ 37249.
                                                             $ 166911.
                                        $ 19972.
$ 17278.
                       73148.
     ATL
                                                                 93119
                                                             $
     PAC
                  $
                       56514.
                                                             $
                                                                 73792
    TOTAL: WO/SAR $ 129662.
                                       $ 13978.
$
                                        $ 23874.
                                                             $ 153536.
                                                                87125.
     ATL
                  $
                       73148.
                                                             $
     PAC
                  $
                       56514.
                                                                 66410.
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
    COMM:
                   $
                       23007.
                                        $ 28545.
                                                             $
                                                                51552
                                           17157.
     ATL
                       13828.
                                                             $
                                          11388.
15770.
     PAC
                        9179.
                                                                  20567.
                   $
                                                             $
    FISH:
                   $
                       10111.
                                                                  25881.
    ATL
                  $
                       6360.
                                             9920.
                                                                16280.
                       3751.
                                            5850.
     PAC
                                                             $
                                                                  9601.
    FOTAL:
                   $
                       33117.
                                            44315.
                                                                 77433.
     ATL
                       20188.
                                            27077.
                                                                  47265.
     PAC
                   $ 12929.
                                           17238.
                                                                 30168.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                        BENEFITS MINUS COST:
    COMM:
                                1.8343
                                                             23447
     ATL
                                 1.8516
                                                             14251
     PAC
                                1.8087
                                                              9196
                                 2. 0903
    FISH:
                                                             13499
     ATL
                                 2. 1460
                                                              8694
     PAC
                                2. 0021
    TOTAL: W/SAR
                                0.4639
                                                            -89478
     ATL
                                0.5076
                                                            -45854
                                0.4088
     PAC
                                                            -43624
    FOTAL: WO/SAR
                                0.5043
                                                            -76103
    ATL
                                0.5425
                                                            -39860
                                0. 4543
                                                            -36242
                                     C-80
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80

3 B 6CD

ECAS- 2182 SP DF/H

ALERTING AND LOCATING

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GOVT COST: AC&1 $ 61923000.
                                ANNUAL 0&M $ 1079000.
USER COST: UNIT COST $ 225. QUANTITY OF 3000.
                                                    LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 199. TO $ 190. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0. 7998
                                 ALERTING 0, 4842
                                                     LOCATING 0. 3155
          ES=0, 944 ET=1, 000 EA=0, 995 EP=1, 000
S&R UNITS: ES=0.750 ET=1,000 EA=0.995 EL=0.620 EP=1,000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022. FISHING VESSELS: FROM 10000 TO 10366.
                                                      O. PERCENT
                                                        O. PERCENT
    AIRCRAFT MONITOR:
                                YES
                                                      100. PERCENT
COST: ($000)
                  AC&I
                                       PV 0 & E
                                                            TOTAL
    GOVIT:
                  $ 56294.
                                            6630.
                                                             $ 62924
    ATL
                  $
                      31274.
                                        $
                                             3683.
                                                                 34958.
                                                             $
                                                                 27966.
     PAC
                      25019.
                                        $
                                             2947.
                                                             $
                                           58483.
                                                                 58483.
    SAR
     AIL
                                            25792.
     PAC
                                            32691.
    COMM:
                        4327.
                                            2700.
                                                                 7026.
                                            1607.
     ATL
                        2576.
                                                                  4184
     PAC
                        1750.
                                        $
                                            1092.
                                                                  2843
                                            1242.
                                                                 3095.
    FISH:
                       1853.
                      1135.
                                           761.
481.
                                                                 1896.
    ATL
                  $
                                       $
     PAC
                        718.
                                        $
                                                                  1199
                                          69055.
                                                             $ 131528.
    TOTAL: W/SAR $
                     62473.
                                                                66830.
                       34986.
                                           31844
     ATL
                  $
     PAC
                       27487.
                                            37211.
                                                                 64698
    TOTAL: WO/SAR $
                       62473.
                                          10572.
                                                             $ 73045.
                  $
                       34986.
                                            6052
                                                                41038.
     ATL
     PAC
                       27487.
                                             4520.
                                                                 32008.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                                             $ 44868.
    COMM:
                  $
                      20024.
                                        $
                                           24844.
     ATL
                       12414.
                                           15402.
                                                                 27816.
                                            9442
                                                                17052.
     PAC
                  $
                        7610.
    FISH:
                        8778.
                                           13692.
                                                                 22471.
                                                               14598.
     ATL
                        5703.
                                            4797.
                                                                 7873.
                        3076.
     PAC
                                           38536.
    TOTAL:
                       28802.
                                                                 67339
                                          24297.
                                                                 42414.
     ATL
                     18117.
                                            14239.
                                                                 24925.
     PAC
                      10686.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
                                6, 3858
    COMM:
                                                            37842
     ATL
                                6. 6488
                                                       $
                                                             23632.
                                5. 9987
     PAC
                                                            14210.
                                7. 2596
    FISH:
                                                       $
                                                            19375
     ATL
                                7. 6975
                                                       $
                                                            12701
     PAC
                                6. 5669
                                                              6674
    TOTAL: W/SAR
                                0.5120
                                                           -64189.
                                                            -24416.
     ATL
                                0. 6347
     PAC
                                0.3852
                                                           -39773.
    TOTAL: WOZSAR
                                0.9219
                                                             -5706.
                                1.0335
     ATL
                                                             1376
     PAC
                                0.7787
                                                            -7083.
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ECAS-121/243SP DF/H

ALERTING AND LOCATING

81

3 B 6DS

C-81

82 3 B 6DD

ECAS-121/243SP DF/H

ALERTING AND LOCATING

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3 B 6ES

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ECAS-VHF FM SP DF/H

ALERTING AND LOCATING

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ECAS-VHF FM SP DF/H
84 3 B 6ED
                                                    ALERTING AND LOCATING
                               ANNUAL 0&M $ 1373000.
GOVT COST: AC&1 $ 115616000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.8345 ALERTING 0.4842
                                                     LOCATING 0. 3503
          ES=0, 944 ET=1, 000 EA=0, 995 EF=1, 000
S&R UNITS: ES=0. 914 ET=1. 000 EA=0. 995 EL=0. 620 EP=1. 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0. 980 ET=1. 000 EA=0. 995 EL=0. 500 EP=1. 000
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985. TO 27022. FISHING VESSELS: FROM 10000. TO 10366.
                                                     0. PERCENT0. PERCENT
    AIRCRAFT MONITOR:
                                                      100. PERCENT
COST: ($000)
                  A C & I
                                       PV 0 & E
                                                            TOTAL
                  $ 105105.
                                                            $ 113542.
    GOVT:
                                       $
                                            8436.
    ATL
                  $
                      58392.
                                       $
                                            4687.
                                                            $
                                                               63079.
                     46714.
                                            3750.
                                                                50463.
                                           20389.
                                                               20389.
    SAR
     ATL
                                       $
                                            8177.
     PAC
                                           12212.
                     8172.
4866.
                                                               13272.
    COMM:
                  $
                                            5100.
                                                            $
     ATL
                                       $
                                            3036.
                                                            $
                                                                 7902
                      3306.
                                                                 5370.
     PAC
                                           2063.
                      3500.
                                          2347.
1438.
                                                                 5847.
    FISH:
                                                                3582.
     ATL
                        2144.
                                       $
                      1355.
                                            909.
     PAC
                                          36272.
    TOTAL: W/SAR $ 116778.
                                       $
                                                            $ 153050.
     ATL
                      65402.
                                       $
                                           17339.
                                                                82741.
     PAC
                      51375.
                                          18934.
                                                               70309.
                                          15883.
    TOTAL: WO/SAR $ 116778.
                                       $
                                                            $ 132661.
     ATL
                       65402.
                                       $
                                            9161.
                                                                74563.
     PAC
                      51375.
                                            6722.
                                                               58097.
BENEFITS: ($000) FATALITIES
                                       PROP DAMAGE
                                                            TOTAL
                                          25595.
    COMM:
                  $ 20629.
                                                            $ 46224.
                                                               28417.
                                           15735.
     ATL
                      12682.
                                       $
     PAC
                       7947.
                                       $
                                            9860.
                                                                17806.
                      9021.
    FISH:
                                           14070.
                                          9078.
                                                               14899.
                      5820.
     ATL
                                       $
                        3200.
                                       $
                                            4992.
                                                                 8192
                     29650.
                                          39665.
                                                               69315.
    TOTAL:
                                           24813.
     ATL
                      18503.
                                                                43316.
                      11147.
                                           14851.
                                                                25999.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
                                3. 4828
                                                            32952.
                                3. 5961
                                                            20515.
     ATL
     PAC
                                3. 3162
                                                            12437.
    FISH:
                                3. 9494
                                                       $
                                                            17244
                                4. 1591
                                                       $
                                                           11316.
     ATL
                                3. 6177
     PAC
                                                       $
                                                            5928.
    TOTAL: W/SAR
                                0. 4529
                                                           -83735.
                                0. 5235
                                                          -39425
     ATL
                                0.3698
                                                           -44311
     PAC
    TOTAL: WO/SAR
                                0.5225
                                                           -63346
                                0.5809
                                                           -31247
     ATL
                                0. 4475
                                                          -32099
     PAC
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3 B 6FS ECAS-UHF AM SP DF/H

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GOVT COST: AC&1 $ 113553000.
                                ANNUAL 0&M $
                                                1222000.
USER COST: UNIT COST $ 425. QUANTITY OF 3000.
                                                     LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.8506
                                ALERTING 0. 4842
                                                      LOCATING 0.3664
         ES=0, 944 ET=1, 000 EA=0, 995 EP=1, 000
S&R UNITS: ES=0. 990 ET=1. 000 EA=0. 995 EL=0. 620 EP=1. 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
   FEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                       MAINTAIN WATCH

    PERCENT
    PERCENT

                                YES
    AIRCRAFT MONITOR:
                                                      100. PERCENT
                                        PV 0 & E
COST: ($000)
                  A C & I
                                                             TOTAL
                                                             $ 110739.
    GOVT:
                   $ 103230.
                                        $
                                            7509.
                       57350.
     ATL
                                             4171.
                                                             $
                                                                 61521.
     PAC
                       45880.
                                        $
                                             3337.
                                                             $
                                                                 49217
    SAR
                                            18053.
                                                                18053.
     ATL
                                             7390.
     PAC
                                            10664.
                                        $
                                            5100.
    COMM:
                      8172.
                                        $
                                                             $ 13272.
     ATL
                        4866.
                                        $
                                             3036.
                                                             $
     PAC
                        3304
                                        $
                                                                  5370
                                             2063
                                                             $
    FISH:
                       3500.
                                        $
                                           2347.
                                                                 5847.
                                           1438.
                                                                 3582.
     ATL
                        2144.
                                        $
                                                             $
                       1355.
     PAC
                                        $
                                             909
                                                             $
                                                                  2264
    TOTAL: W/SAR $ 114902.
                                        $
                                           33009.
                                                             $ 147911.
                                                                80396.
     ATL
                  $
                       64360.
                                        $
                                            16036.
                                            16973.
     PAC
                       50542.
                                        $
                                                                 67515.
                  $
                                                             $
    TOTAL: WO/SAR $ 114902.
                                        $
                                            14955.
                                                             $ 129857.
     ATL
                  $
                       64360.
                                             8646.
                                                                 73006.
                                                                56851.
     PAC
                       50542.
                                        $
                                             6309.
                                                             $
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
                                                             $ 46852.
   COMM:
                   $ 20909.
                                        $
                                           25943.
                      12806.
     ATL
                                            15889.
                                                                28696.
     PAC
                        8103.
                                        $
                                            10053.
                                                                 18156.
                                                             $
    FISH:
                        9133.
                                        $
                                            14245.
                                                             $
                                                                 23378.
                                           9163.
                       5875.
                                                                15038.
                                            5082.
     PAC
                        3258.
                                        $
                                                                  8340.
    TOTAL:
                       30042.
                                        $
                                            40188.
                                                             $
                                                                 70230.
                                          25053.
                                                                 43734.
     ATL
                      18681.
     PAC
                       11361.
                                            15135.
                                                                 26496.
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                        BENEFITS MINUS COST:
    COMM:
                                3. 5301
                                                            33580
                                                        $
     ATL
                                 3. 6313
                                                             20794.
                                3, 3813
     PAC
                                                            12786.
                                 3. 9986
    FISH:
                                                        $
                                                             17532
     ATL
                                 4. 1980
                                                        $
                                                             11456.
     PAC
                                 3, 6831
    TOTAL: W/SAR
                                0.4748
                                                            -77681
     ATL
                                 0. 5440
                                                            -36662.
     PAC
                                 0. 3924
                                                            -41019.
    TOTAL: WO/SAR
                                0.5408
                                                            -59627.
     ATL
                                0. 5990
                                                           -29272.
     PAC
                                0. 4661
                                                            -30355.
```

3 B 6FD ECAS-UHF AM SP DF/H

86

C-86

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ANNUAL 0&M $ 1079000.
GOVT COST: AC&1 $ 61923000.
           UNIT COST $ 425. QUANTITY OF 3000. LEARNING FACTOR 0.88 FURCHASE PRICE: FROM $ 376. TO $ 359. NUMBER OF PRODUCERS 5.
USER COST: UNIT COST $ 425. QUANTITY OF 3000.
                                                       LOCATING 0. 3664
SYSTEM EFFECTIVENESS: 0,8506
                                  ALERTING 0, 4842
SHORE: ES=0, 944 ET=1, 000 EA=0, 995 EP=1, 000
S&R UNITS: ES=0. 990 ET=1, 000 EA=0. 995 EL=0. 620 EP=1, 000
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 500 EP=1, 000
SYSTEM CARRIAGE AND WATCH:
                                  CARRIAGE
                                                        MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022. FISHING VESSELS: FROM 10000 TO 10366.

    PERCENT
    PERCENT

    AIRCRAFT MONITOR:
                                YES
                                                        100. PERCENT
COST: ($000)
                                         PV 0 & E
                   A C & I
                                             6630.
                  $ 56294.
$ 31274
   GOVT:
                                         $
                                                               $
                                                                   62924.
                                                                   34958.
    ATL
                   $
                       31274.
                                         $
                                              3683.
                                                               $
                                             2947.
                   $ 25019.
                                                                 27966.
                                            18053.
    SAR
                                         $
                                                               $
                                                                  18053.
     ATL
                                         $
                                             7390.
     PAC
                                            10664.
    COMM:
                   $
                        8172.
                                              5100.
                                                                  13272.
                                             3036.
     ATL
                   $
                        4866.
                                                                    7902
     PAC
                        3306.
                                             2063.
                                            2347.
1438.
909.
                                                                   5847
                       3500.
    FISH:
                   $
                                         $
     ATL
                   $
                        2144.
                                         $
                                                               $
                                                                    3582.
     PAC
                        1355.
                                                                    2264.
                                         $ 32130.
    TOTAL: W/SAR $
                       67966.
                                                               $ 100096.
                                             15547.
     ATL
                   $
                       38285.
                                                                   53832.
                                           16583.
     PAC
                      29681.
                                                                   46264.
                                                               $ 82042.
$ 46442.
    TOTAL: WO/SAR $
                       67966.
                                            14076.
                                             8158.
5919.
     ATL
                   $
                       38285.
                                                               $ 35600.
     PAC
                      29681.
BENEFITS: ($000) FATALITIES
                                         PROP DAMAGE
                                                               TOTAL
                                         $ 25943.
                                                               $ 46852.
                   $ 20909.
                                            15889.
10053.
                        12806.
                                                                   28696.
     ATL
                   $
                                                                  18156.
     PAC
                   $
                         8103.
                                         $
    FISH:
                         9133.
                                            14245.
                                                                   23378.
     ATL
                        5875.
                                             9163.
5082.
                                                                  15038.
                        3258.
     PAC
                   $
                                                                    8340
    FOTAL:
                      30042.
                                           40188.
                                                                  70230.
                                            25053.
15135.
                       18681.
                                                                   43734.
     ATL
                      11361.
     PAC
                                                                   26496.
MEASURES OF EFFECTIVENESS BENEFIT COST RATIO:
                                                         BENEFITS MINUS COST
                                 3, 5301
    COMM:
                                                          $
                                                              33580.
                                  3. 6313
                                                              20794.
                                  3. 3813
                                                              12786.
17532.
     PAC
                                  3. 9986
    FISH:
     ATL
                                  4. 1980
                                                             11456.
                                  3, 6831
                                                                6076.
    TOTAL: W/SAR
                                  0.7016
                                                              -29866
     ATL
                                  0.8124
                                                              -10098
     PAC
                                  0. 5727
                                                              -19768.
    TOTAL: WO/SAR
                                 0.8560
                                                              -11812
                                  0. 9417
     ATL
                                                              -2708.
     PAC
                                  0.7443
                                                               -9104
```

3 B 6GS ECAS-VHF AM SP DF/H

C-87

12786.

17532. 11456.

6076 -77681

-41019

-59627

-29272

-30355.

88 3 B 6GD ECAS-VHF AM SP DF/H

PAC

FISH:

ATL

PAC

ATL

PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

C-88

3.3813

3. 9986

4. 1980

3. 6831

0.4748

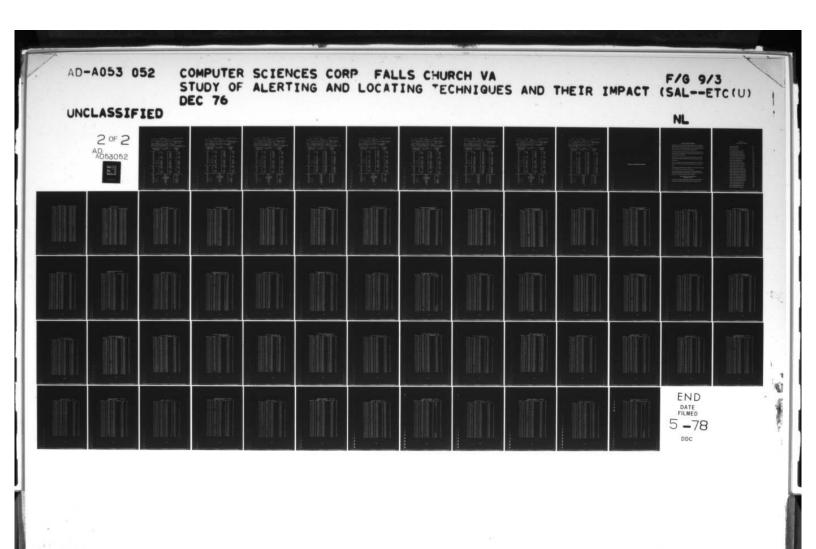
0.5440

0. 3924

0.5408

0.5990

0. 4661



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89 3 B 7A SUR 500A-SHORE DF L
                                                   ALERTING AND LOCATING
GOVT COST: AC&I $ 1200000.
                               ANNUAL 0&M $ 806000.
USER COST: UNIT COST $ 3000. QUANTITY OF 3651. LEARNING FACTOR 0.85
          PURCHASE PRICE: FROM $ 2973. TO $ 2736. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.8387
                               ALERTING 0, 4296
                                                   LOCATING 0. 4091
          ES=0, 980 ET=0, 996 EA=0, 995
                                             EP=0, 000
S&R UNITS: ES=0. 980 ET=0. 996 EA=0. 995 EL=0. 950 EP=0. 000
PASS SHIP: ES=0, 980 ET=1, 000 EA=0, 995 EL=0, 950 EP=1, 000 LOCATING RANGE= 20, N. M.
SYSTEM CARRIAGE AND WATCH:
                               CARRIAGE
                                                   MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 0 TO 0
                                                   100. PERCENT
   FISHING VESSELS:
                                                    O. PERCENT
                        FROM
                                  O. TO O.
   AIRCRAFT MONITOR:
                                                     O. PERCENT
COST: ($000)
                 A C & 1
                                     PV 0 & E
                                                         TOTAL
                     1091.
                                          4953.
   GOVT:
                 $
                                                              6043.
                                          2751.
    ATL
                       606
                                                              3357.
    PAC
                       485.
                                          2201.
                                                              2686
                                                             15230.
   SAR
                                         15230.
                                          5955
    ATI
    PAC
                                          9275.
   COMM:
                     64299.
                                         40194.
                                                         $ 104493.
    ATL
                     38285.
                                         23932
                                                            62217.
                     26014.
                                         16262.
                                                             42276.
    PAC
                      Ο.
                                          0.
   FISH:
                                     $
                                                                Ο.
                                                         $
                      O.
O.
    ALL
                                     $
                                          0.
                                            O.
                                                         $
                                                                 0
    PAC
                                                                0.
                     65390.
                                     $
                                         60376.
                                                         $ 125766.
    FOTAL: W/SAR $
    ATL
                     38891.
                                     $
                                         32639.
                                                             71530.
                                        27737.
                                                            54236.
                     26499.
                                         45146.
                                                            110536.
    TOTAL: WO/SAR $
                     65390.
                                     $
    ATL
                     38891.
                                     $
                                         26684.
                                                             65575.
                                                             44962.
    PAC
                     26499.
                                       18463.
                                     PROP DAMAGE
BENEFITS: ($000) FATALITIES
                                                         TOTAL
                                       28483.
                                                         $ 51439.
   COMM:
                 $ 22956.
                                         17265.
                                                             31179.
    ATL
                     13915
    PAC
                      9042.
                                     $
                                         11218.
                                                             20260.
                                          Ο.
                                                              0.
                      0.
   FISH:
                                     $
                                             O.
                                                                 O.
    ATL
                         O.
                                           0.
    PAC
                        O.
                                     $
                                                                 0.
                     22956.
                                         28483.
                                                            51439.
    TOTAL:
                                         17265.
                                                             31179.
                     13915.
    ATL
    PAC
                      9042.
                                         11218.
                                                             20260.
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO:
                                                    BENEFITS MINUS COST:
   COMM:
                              0. 4923
                                                        -53054.
                              0.5011
                                                        -31038.
    ATL
                              0.4792
    PAC
                                                        -22016
   FISH:
                           NOT APPLICABLE
                                                             0
    ATL
                           NOT APPLICABLE
                           NOT APPLICABLE
    PAC
    TOTAL: W/SAR
                              0.4090
                                                        -74327.
                              0. 4359
                                                        -40350
                              0. 3735
    PAC
                                                        -33977.
    FOTAL: WO/SAR
                              0. 4654
                                                        -59097
                              0. 4755
                                                        -34395.
    ATL
                              0.4506
                                                        -24702.
    PAC
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ALERTING AND LOCATING
GOVT COST: AC&1 $ 3600000.
                                ANNUAL 0&M $
                                               841000.
USER COST: UNIT COST $ 900. QUANTITY OF 3000.
                                                    LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 862. TO $ 807. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.5433
                                 ALERTING 0. 3292
                                                       LOCATING 0, 2140
           ES=0, 968 ET=0, 996 EA=0, 995
                                                EP=GEOGRAPHIC
S&R UNITS: ES=0, 968 ET=0, 996 EA=0, 995 EL=0, 650 EP=GEOGRAPHIC
PASS SHIP: NOT GUARDED
                                 CARRIAGE
SYSTEM CARRIAGE AND WATCH:
                                                      MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 0 TO 0
                                                        O PERCENT
                          FROM
                                    O. TO O.
    FISHING VESSELS:
                                                        O. PERCENT
    AIRCRAFT MONITOR:
                                                        O. PERCENT
                                       PV 0 & E
COST: ($000)
                  A C & I
                                                            TOTAL
                                                                8440.
    GOVT:
                        3273.
                                             5168.
                        1818.
                                             2871.
                                                                 4689
    ATL
                                                            $
     PAC
                        1455.
                                            2297.
                                                                 3751.
                                           71815.
    SAR
                                                                 71815.
     ATL
                                           35128.
     PAC
                                           36687.
                                           11663.
6945.
    COMM:
                      18674.
                                                                 30337.
                                                                 18063
     ATL
                  $
                      11119.
                                                            $
     PAC
                       7555.
                                           4719.
                                                                12274.
                        O.
O.
O.
                                           0,
0,
0,
    FISH:
                                                            $
                                                                   O.
     ATL
                  $
                                       $
                                                            $
                                                                     O.
     PAC
                                          88646.
44944.
                      21947.
                                                               110593.
    TOTAL: W/SAR $
                                       $
     ATL
                      12937.
                                                            $
                                                                 57881.
                        9010.
                                           43702.
     PAC
                                                                 52712.
                                          16831.
    TOTAL: WO/SAR $
                       21947.
                                                                 38778
     ATL
                  $
                       12937.
                                       $
                                             9815.
                                                            $
                                                                 22753.
                       9010.
                                            7015.
     PAC
                                                                 16025.
                                       PROP DAMAGE
BENEFITS: ($000)
                  FATALITIES
                                                            TOTAL
                                                                30848.
                  $
                     13767.
                                       $ 17081.
                                          11059.
                                                                 19972
     ATL
                  $
                        8913.
                                                            $
     PAC
                        4854.
                                            6022.
                                                            $
                                                                 10876.
                                             O.
    FISH:
                        O.
                  $
                          O.
                                               0.
                                                                     0
     ATL
                                                            $
                                              0.
                  $
                         0.
                                                            $
                                                                    0.
     PAC
                      13767.
                                           17081.
                                                                 30848.
    TOTAL:
                                                            $
                                            11059.
                                                                 19972.
     ATL
                        8913.
                        4854.
                                            6022.
                                                                 10876.
     PAC
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                       BENEFITS MINUS COST:
    COMM:
                                1.0168
                                                              511.
                                1. 1056
                                                              1908.
     ATL
     PAC
                                0.8861
                                                            -1398.
                             NOT APPLICABLE
    FISH:
                                                                 O.
     ATL
                             NOT APPLICABLE
                                                                 O.
     PAC
                             NOT APPLICABLE
                                                           -79745.
    TOTAL: W/SAR
                                0. 2789
                                0.3450
                                                           -37909
     ATL
     PAC
                                0.2063
                                                           -41836.
                                0. 7955
    TOTAL: WO/SAR
                                                            -7930.
                                0.8778
                                                            -2781
     ATL
```

90 3 B 7B

PAC

SUR8364A-SHORE DF L

-5149

0.6787

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91 3 B 8A
             SUR 500A- A/C DF/H
                                                    ALERTING AND LOCATING
GOVT COST: AC&I $ 2543800.
                                ANNUAL 0&M $
                                               837400.
USER COST: UNIT COST $ 3000. QUANTITY OF 3651.
                                                    LEARNING FACTOR 0.85
           PURCHASE PRICE: FROM $ 2973, TO $ 2736, NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.8354
                                 ALERTING 0. 4296
                                                      LOCATING 0, 4058
                                               EP=0, 000
          ES=0, 980 ET=0, 996 EA=0, 995
S&R UNITS: ES=0.980 ET=0.996 EA=0.995 EL=0.900 EP=0.000
PASS SHIP: ES=0, 980 ET=1, 000 EA=0, 995 EP=1, 000 ALERTING RANGE= 27, N. M.
PASS SHIP: ES=0. 980 ET=1. 000 EA=0. 995 EL=0. 900 EP=1. 000 LOCATING RANGE= 20. N. M.
SYSTEM CARRIAGE AND WATCH:
                                CARRIAGE
                                                     MAINTAIN WATCH
   COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 0. TO 0.
                                                    100. PERCENT
                                                     O. PERCENT
   AIRCRAFT MONITOR:
                                                       O. PERCENT
COST: ($000)
                  A C & I
                                       PV 0 & E
                                                           TOTAL
   GOVT:
                      2313.
                                            5145.
                                                                7458.
                  $
                                       $
                                                           $
    ATL
                  $
                       1285.
                                       $
                                            2859.
                                                           $
                                                                4143.
    PAC
                       1028.
                                            2287.
                                                                3315.
   SAR
                                       $
                                           15505
                                                           $
                                                                15505.
    ATL
                                           5964.
    PAC
                                       $
                                           9542.
   COMM:
                    64299.
                                                           $ 104493.
                                       $
                                          40194
                                                              62217.
    ATL.
                      38285.
                                           23932.
    PAC
                      26014.
                                      $
                                           16262.
                                                               42276.
   FISH:
                                           0,
0,
0,
                  45
                      Ο.
                                      $
                                                           $
                                                                    0
    ATL
                  $
                          O.
                                      $
                       O.
                                      $
                                                                    O.
    FAC
    TOTAL: W/SAR $
                    66612.
                                      $
                                                           $ 127456.
                                          60844.
                                                              72324.
    ATL
                  $
                      39570.
                                           32754.
    PAC
                  $
                      27042.
                                       $
                                           28090.
                                                               55132.
                                                           $ 111951.
    FOTAL: WOZSAR $
                      66612.
                                      $
                                           45339.
                                                              66361.
     ATL.
                      39570.
                                           26791.
    PAC
                      27042.
                                           18548.
                                                               45590.
BENEFITS: ($000) FATALITIES
                                      PROP DAMAGE
                                                           TOTAL
                                                           $ 51378.
$ 31174
                  $ 22929.
                                          28449.
   COMM:
                                      $
                                                               31176.
    ATL
                  $
                      13913.
                                       $
                                           17262.
                                                           $
     PAC
                       9016.
                                          11187.
                                                               20203.
                                           O.
                        0.
   FISH:
                  $
                                      $
                                                                    O.
    ATL
                                                                    0
                  $
                          0
                                      $
                                              0.
                                                           4
                        O.
                                             0.
     PAC
                  $
                                      $
                                                                    O.
                                          28449.
    TOTAL:
                  $
                      22929.
                                                               51378.
                      13913.
    ATL
                  $
                                      $
                                           17262.
                                                           $
                                                               31176.
                       9016.
                                           11187.
                                                               20203.
     PAC
MEASURES OF EFFECTIVENESS
                                                      BENEFITS MINUS COST:
                            BENEFIT COST RATIO:
   COMM:
                               0. 4917
                                                          -53115.
                               0.5011
    AIL
                                                          -31042
    PAC
                               0. 4779
                                                          -22073.
                            NOT APPLICABLE
   FISH:
                                                              0
                            NOT APPLICABLE
NOT APPLICABLE
    ATL
                                                               O.
                                                      $
    PAC
                                                          -76078.
    TOTAL W/SAR
                               0.4031
                                                      $
                               0.4311
                                                          -41148.
    ATL
                               0.3664
    PAC
                                                          -34929
    TOTAL: WO/SAR
                               0.4589
                                                          -60573.
                               0.4698
    ATL
                                                          -35185.
                                                          -25383.
    PAC
                               0.4431
```

Company of the second s

Mark and Color of World Street W

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92 3 B 8B SUR 2182A- A/C DF/H
                                                   ALERTING AND LOCATING
GOVT COST: AC&I $ 2812800.
                              ANNUAL 0&M $ 3747200.
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
          PURCHASE PRICE: FROM $ 824, TO $ 786, NUMBER OF PRODUCERS 6.
SYSTEM EFFECTIVENESS: 0. 7850
                               ALERTING 0, 4045
                                                   LOCATING 0, 3806
                                             EP=0, 000
          ES=0, 880 ET=0, 996 EA=0, 995
S&R UNITS: ES=0.880 ET=0.996 EA=0.995 EL=0.850 EP=0.000
PASS SHIP: ES=0. 880 ET=1. 000 EA=0. 995 EL=0. 850 EP=1. 000 LOCATING RANGE- 32. N. M.
   TEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
FISHING VESSELS: FROM 10000. TO 10366.
SYSTEM CARRIAGE AND WATCH:
                                                   MAINTAIN WATCH
                                                   10. PERCENT
                                                    90. PERCENT
                          NO
   AIRCRAFT MONITOR:
                                                     O. PERCENT
COST: ($000)
                 AC&I
                                     PV 0 & E
                                                         TOTAL
                 $ 2557.
                                                         $ 25582.
   GOVT:
                                        23025.
                      1421.
                                                         $ 14212.
$ 11370.
    ATL
                 $
                                     $
                                         12792.
                 $
    PAC
                      1136.
                                     $
                                         10233.
                                        14582.
                                                         $ 14582
   SAR
                                         6090.
    ATL
                                     $
    PAC
                                     $
                                          8492.
                                                          $ 29066
   COMM:
                 $ 17898.
                                        11168.
                                                         $ 17307.
$ 11760.
                 $ 10657.
                                        6650.
4518.
    ATL
                                     $
                    7241.
7665.
    PAC
                 $
                                     $
                                        5140.
                                                          $ 12805.
   FISH.
                                     $
                 $ 4696.
$ 2969.
                                                         $ 7845.
    ATL
                                     $ 3149.
    PAC
                                     $
                                          1991.
                                                          $
                                                              4959
   TOTAL: W/SAR $ 28120.
                                     $ 53915.
                                                          $ 82035
                                                         $ 45455.
$ 36580.
                                     $
                                         28681.
    ATL
                 $ 16774.
    PAC
                 $
                     11346.
                                         25234.
    TOTAL: WO/SAR $ 28120.
                                                          $ 67453.
                                     $ 39333.
                 $
                                         22591.
                                                            39364
28089
    ATL
                     16774
                                     $
    PAC
                 $
                     11346.
                                     $
                                         16742.
                                                          $
BENEFITS: ($000) FATALITIES
                                     PROP DAMAGE
                                                         TOTAL
                 $ 21233.
$ 13525.
                                     $ 26344.
$ 16780.
                                                         $ 47577.
$ 30305.
   COMM:
    ATL
                                        9564.
15557.
                    7708.
9974.
                                                         $ 17272.
    PAC
                 $
                                     $
   FISH:
                 $
                                     $
                                                             25532
                                         15557.
9905.
5652.
                     6351.
                                                          $ 16256.
    ATL
                                     $
                 $ 3624.
$ 31207.
                                     $
                                                              9275
    PAC
                      3624.
                                     $ 41901.
$ 26686.
    TOTAL:
                                                             73108
                 $
    ATL
                     19875.
                                                          $ 46561.
                                                            26547
    PAC
                 $ 11332.
                                         15215.
MEASURES OF EFFECTIVENESS
                           BENEFIT COST RATIO:
                                                  BENEFITS MINUS COST:
   COMM:
                                                        18510.
                              1.6368
                                                     $
    ATL
                               1. 7511
                                                         12998.
    PAC
                              1. 4687
                                                          5512.
   FISH:
                              1.9940
                                                     $
                                                         12727.
                                                         8411.
4316.
    ATL
                              2. 0721
    PAC
                              1.8703
                                                     $
    FOTAL: W/SAR
                              0.8912
                                                     $
                                                         -8927.
    ATL
                              1. 0243
                                                          1107.
    PAC
                              0. 7257
                                                        -10033
                                                         5655.
    TOTAL: WO/SAR
                              1.0838
                                                          7197
    ATL
                              1. 1828
                              0. 9451
    PAC
                                                         -1542
```

The second secon

93

PAC

FISH:

ATL

PAC

ATL

PAC

ATL

PAC

TOTAL: W/SAR

TOTAL: WO/SAR

1.0419

0. 4356 0. 6055

0. 2875 0.9031

0.9983

0.7685

NOT APPLICABLE

NOT APPLICABLE

NOT APPLICABLE

514.

0.

O.

-46988.

-15301.

-31687.

-3891.

-3852.

-39

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A THE PERSON AND A STREET OF THE PERSON AND A ST

3 B 9A

SUR 500A-

SP DF/H

ALERTING AND LOCATING

The state of the second second

3 B 9B

SUR 2182A- SP DF/H

CONTRACTOR OF THE PROPERTY OF

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GOVT COST: AC&1 $ 6035200.
                                 ANNUAL 0&M $ 1100000.
USER COST: UNIT COST $ 900. QUANTITY OF 3000. LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 862. TO $ 807. NUMBER OF PRODUCERS 5.
SYSTEM EFFECTIVENESS: 0.6124
                                 ALERTING 0. 3292
                                                       LOCATING 0, 2832
          ES=0. 968 ET=0. 996 EA=0. 995
                                               EP=GEOGRAPHIC
S&R UNITS: ES=0.968 ET=0.996 EA=0.995 EL=0.860 EP=GEOGRAPHIC
PASS SHIP: NOT GUARDED
SYSTEM CARRIAGE AND WATCH: CARRIAGE
COMMERCIAL SHIPS: FROM 18985. TO 27022.
HISHING VESSELS: FROM 0. TO 0.
                                                       MAINTAIN WATCH
                                                         O. PERCENT
                                                         O. PERCENT
    AIRCRAFT MONITOR:
                                                         0. PERCENT
COST: ($000)
                  A C & I
                                        PV 0 & E
                                                             TOTAL
    GOVT:
                   $
                        5487.
                                             6759.
                                                             $ 12246.
                                        $
     ATL
                   $
                        3048.
                                        $
                                             3755.
                                                             $
                                                                  6803.
                        2438.
                                                                  5442.
                                             3004.
                                                             $ 48272.
    SAR
                                        $
                                            48272.
     ATL
                                        $
                                            18552.
                                            29720.
     PAC
                      18674.
                                                             $ 30337.
$ 18063.
    COMM:
                   $
                                            11663.
     ATL
                   $
                       11119.
                                        $
                                            6945.
                                                                12274.
                       7555.
                                             4719.
     PAC
                                        $
                                                             $
                        0.
0.
0.
                                                                  Q.
                                            0.
0.
0.
    FISH:
                   $
                                        $
                                                             $
     AIL
                   $
                                        $
                                                                      0.
                                                                   O.
                                        $
     PAC
                   $
                                                             $
                     24161.
                                                             $ 90855.
$ 43419.
    TOTAL: W/SAR $
                                        $
                                            66695.
                   $
                       14167.
                                            29252.
     ATL
                                                                47437
                        9994
                                            37443.
     PAC
                                        $
                                                                42583.
    FOTAL: WO/SAR $
                       24161.
                                        $ 18422.
                  $
                       14167.
     ATL
                                            10700.
                                                                  24867
                                                                17716.
                        9994.
     PAC
                                        $
                                             7723.
                                                             $
BENEFITS: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
                                                                34774
    COMM:
                                            19255.
                   $
                       15519
                                        $
                                                             $
                       10047.
                                            12466.
                                                                 22513.
                                        $
                                             6789.
                        5472.
                                                                  12261.
     PAC
                                                             $
                                              0.
    FISH:
                   $
                         0
                                        $
                                                             $
                                              0.
0.
                   $
                           O.
                           0.
                                        $
                                                                     Ο.
     PAC
                                           19255.
    TOTAL:
                   $
                       15519.
                                        $
                                                             $
                                                                 34774
                       10047.
                                                                  22513.
                                           12466.
                        5472.
                                           6789.
                                                                 12261.
     PAC
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                        BENEFITS MINUS COST:
    COMM:
                                                              4437
                                 1.1462
     ATL
                                 1. 2464
                                                              4450
                                 0.9989
     PAC
                                                               -13.
                              NOT APPLICABLE
    FISH:
                                                                  O
     ATL
                              NOT APPLICABLE
                                                        $
                                                                  0
     PAC
                              NOT APPLICABLE
                                0. 3827
    TOTAL: W/SAR
                                                            -56081
     ATL
                                0.5185
                                                            -20905
     PAC
                                0. 2585
                                                            -35176.
    TOTAL: WO/SAR
                                0.8166
                                                             -7809
     ATL
                                 0.9054
                                                             -2353
     PAC
                                 0. 6921
                                                             -5456
```

THE REPORT OF STREETS STREET, WITCH

96

3 B 9C SUR 8364A- SP DF/H

```
GOVT COST: AC&I $ 17392000.
                                 ANNUAL 0&M $ 2174000.
USER COST: UNIT COST $ 250. QUANTITY OF 3000.
                                                     LEARNING FACTOR 0.88
           PURCHASE PRICE: FROM $ 241. TO $ 230. NUMBER OF PRODUCERS 8.
SYSTEM EFFECTIVENESS: 0.9571
                                 ALERTING 0.4822
                                                      LOCATING 0. 4749
          ES=0. 996 ET=1. 000 EA=0. 995 EP=0. 940
S&R UNITS: ES=0 996 ET=1,000 EA=0,995 EL=0,995 EP=0,940
PASS SHIP: NOT GUARDED
A/C OVRFL: ES=0.980 ET=1.000 EA=0.995 EL=0.500 EP=1.000
SYSTEM CARRIAGE AND WATCH:
                                 CARRIAGE
                                                       MAINTAIN WATCH
    COMMERCIAL SHIPS: FROM 18985 TO 27022.
FISHING VESSELS: FROM 10000.10 10366.
                                                       O. PERCENT
                                                        O PERCENT
    AIRCRAFT MONITOR:
                                                       100. PERCENT
                                        PV 0 & E
COST: ($000)
                  A C & I
                                                             TOTAL
    GOV1:
                   $ 15811.
                                        $
                                           13358.
                                                             $ 29169.
    ATL
                   $
                        8784.
                                             7421.
                                                             $
                                                                 16205.
                                                                 12964.
    PAC
                   $
                        7027.
                                        $
                                             5937.
                                                             $
    SAR
                                           12678.
                                                                12678.
     ATL
                                             5560.
     PAC
                                        $
                                             7119.
    COMM:
                        5243.
                                             3271.
                                                                 8514
                                            1948.
                                                                  5069.
    ATL
                   $
                        3122.
                                                             $
                                                                  3445
     PAC
                   $
                        2121.
                                        $
                                             1324.
                                                             $
    FISH:
                        2245.
                                          1506.
                                                                  3751
                                                                 2298.
                                            922.
583.
    ATL
                  $
                        1376.
                                        $
                                                             ±
     PAC
                   $
                        870.
                                        $
                                                             $
                                                                  1453
                                           30814.
                                                                 54112
    TOTAL: W/SAR $
                       23299.
                                           15851.
14962.
     ATL
                   $
                       13281
                                        $
                                                                 29132
     PAC
                   $
                       10018.
                                        $
                                                                 24980
    FOTAL: WOZSAR $
                       23299.
                                                                41434
                                           18135.
     4111
                  4
                       13281.
                                        $
                                           10292.
                                                             $
                                                                 23572
     PAC
                   $
                       10018.
                                        $
                                             7844.
                                                             $
                                                                 17861
BENEFIES: ($000) FATALITIES
                                        PROP DAMAGE
                                                             TOTAL
                                                                 51020.
    COMM:
                   $
                       22769.
                                        $
                                           28251.
                                                             $
                                                                 30550.
     ATL
                   $
                       13634.
                                           16916.
                                           11335.
15409.
                        9135
                                                                 20470
     PAC
                                        $
                   $
    FISH:
                   $
                        9880.
                                        $
                                                             $
                                                                 25289.
                                                                15966.
     ATL
                        6237.
                                             9729.
                                             5681.
                                                                  9323
                        3642.
     PAL
                   $
                                                             $
    TOTAL:
                   $
                       32649.
                                           43660.
                                                                 76309.
                                                                 46516.
     ATL
                   $
                      19871.
                                            26645.
                                                                 29793.
                     12778.
                                           17015.
     PAC
MEASURES OF EFFECTIVENESS
                             BENEFIT COST RATIO:
                                                        BENEFITS MINUS COST:
                                5, 9925
                                                             42506
    COMM
                                                        #
     ATL
                                 6. 0264
                                                        $
                                                             25481.
     PAC
                                 5. 9427
                                                             17025.
                                 6. 7426
    FISH:
                                                        $
                                                             21538.
                                6. 9478
6. 4181
                                                        $
     ATL
     PAC
                                                              7871
    FOTAL: W/SAR
                                 1. 4102
                                                             22197.
     ATL
                                 1. 5967
                                                             17384.
     PAC
                                 1. 1927
    TOTAL: WO/SAR
                                 1.8417
                                                             34875
     AIL
                                 1. 9733
                                                             22943.
     PAC
                                 1.6680
                                                             11932.
```

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EP121/243/406A-LD0S

ALERTING AND LOCATING

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APPENDIX D - SYSTEMS RANK ORDERING

Preface to System Rank Ordering

The data shown in each of the System Serial Listings and the rank orderings include the system serial number, the SALTTI number, the total benefits, the total cost with SAR, the measure of effectiveness, and the rank order (RO) of the system in terms of the specified measure of effectiveness.

Serial Listing includes both benefit cost ratio and benefits minus cost, where these measures are computed from the value of total benefits and total cost with SAR contained in the listing.

Total Benefits - Systems are rank ordered in descending order of expected benefits. The benefit cost ratio shown is the ratio of total benefits to total cost with SAR.

Total Cost - Systems are rank ordered in ascending order of expected costs. The benefit cost ratio shown is the ratio of total benefits to total cost with SAR.

Total Benefits: Cost Ratio with SAR - Systems are rank ordered in descending order of the difference, total benefits minus total cost.

The remaining listings are rank ordered by the measure of effectiveness described, but the benefits and costs shown are total benefits and total costs with SAR. For example the listing on page D-15 headed:

RANK ORDER: BENEFIT COST RATIO COMMERCIAL TOTAL

will contain the systems rank ordered by the benefit cost ratio computed by using the ratio of total commercial benefits to total commercial costs.

$\begin{array}{c} \text{INDEX TO} \\ \\ \text{SYSTEMS RANK ORDERING} \end{array}$

System Serial Listing	D-1
Total Benefit With SAR	D-3
Total Cost With SAR	D-5
Total Benefit:Cost Ratio With SAR	D-7
Total Benefit Minus Cost With SAR	D-9
Total Benefit:Cost Ratio Without SAR	D-11
Total Benefit Minus Cost Without SAR	D-13
Commercial Total Benefit:Cost Ratio	D-15
Commercial Total Benefit Minus Cost	D-17
Fishing Total Benefit:Cost Ratio	D-19
Fishing Total Benefit Minus Cost	D-21
Atlantic Benefit:Cost Ratio With SAR	D-23
Atlantic Benefit Minus Cost With SAR	D-25
Pacific Benefit:Cost Ratio With SAR	D-27
Pacific Benefit Minus Cost With SAR	D-29
Atlantic Benefit:Cost Ratio Without SAR	D-31
Atlantic Benefit Minus Cost Without SAR	D-33
Pacific Benefit:Cost Ratio Without SAR	D-35
Pacific Benefit Minus Cost Without SAR	D-37
Atlantic Commercial Benefit:Cost Ratio	D-39
Atlantic Commercial Benefit Minus Cost	D-41
Pacific Commercial Benefit:Cost Ratio	D-43
Pacific Commercial Benefit Minus Cost	D-45
Atlantic Fishing Benefit:Cost Ratio	D-47
Atlantic Fishing Benefit Minus Cost	D-49
Pacific Fishing Benefit:Cost Ratio	D-51
Pacific Fishing Benefit Minus Cost	D-53

SERIAL LISTING SER SALTTI BENEFITS COST BEN: COST BEN MINUS COST 1 1 B 1A 26298 608288. 0.0432 \$ -581990 2 1 B 1B 112181. 0. 3445 \$ 38650. -73531 \$ 256100. 0.0268 \$ -249243 3 1 B 1C \$ 6857 4 1 B 1D \$ 23931 \$ 156729 0. 1527 \$ -132798 5 1 B 2A 33882 62814 0.5394 \$ -28932 0. 3359 \$ 80327 6 1 B 2B 26984 -53343.\$ \$ 1 B 20S \$ 38916. 51394 0.7572 \$ -12478 8 1 B 2CD \$ 38916. 120784 0. 3222 \$ -81868 36904 \$ 77926 9 1 B 20S \$ 0.4736 \$ -41022 10 1 B 2DD \$ 36904 \$ 128782 0.2866 \$ -91878 11 1 B 3A 25873. 125035 0.2069 \$ -99162 \$ 79668 12 1 B 3B 37073. \$ 0.4653 \$ -42595\$ 13 1 B 30 \$ 18696. \$ 76797 0.2434 \$ -58101 14 1 B 4A \$ 39184. 78293. 0.5005 \$ -39109 15 2 B 1A 16 2 B 1B 26298. 608288. 0.0432 \$ -581990 \$ \$ \$ 38479 \$ 112220. 0.3429 \$ -73741 17 2 B 1C 18 2 B 1D \$ 6788. 256103. 0.0265 \$ -249315 156889. 0.1510 \$ -133197 \$ 23692. \$ 2 B 2A 19 26297. 609130. 0.0432 \$ -582833 20 2 B 2B 23572. 148664 0. 1586 \$ -125092 604854 21 2 B 3A 26296 0.0435 \$ -578558. \$ \$ 22 2 B 3B 38224 \$ 94211. 0.4057 \$ -55987 23 2 B 3C 24 2 B 3D 0.0000 \$ -127483. \$ 127483. 0 23333. 149322. 0.1563 \$ -125989. \$ 25 2 B 4A 26 2 B 4B \$ 26296. \$ 613347 0.0429 \$ -587051. 97356. 0.3903 \$ -59356 \$ \$ 38000. 27 2 B 40 \$ O. 127343. 0.0000 \$ -127343 28 2 B 4D \$ 22974. 152199 0.1509 \$ -129225 29 2 B 5A 30 2 B 5B 34918. \$ \$ 28376. 1.2306 \$ 6542 \$ 30084 49869. 0. 6033 \$ -1978531 2 B 50 32 2 B 5D \$ 34918. 28539 1. 2235 \$ 6379 3054 \$ 33933. 30879 1.0989 \$ 33 2 B 5E \$ 36620. 28236 1. 2969 \$ 8384 34 2 B 6A 22789 73472 0.3102 \$ -50683 35 2 B 6B 27395 60298. -32903 \$ 0.4543 \$ 36 2 B 6C 37 2 B 6D 38 2 B 6E 22789 70671 0. 3225 \$ -47882 28255. 69197 0.4083 \$ -40942 -39099 \$ 23899. 62998. 0. 3794 \$ 39 2 B 7AS 33443. 55566. 0.6019 \$ -22123 40 2 B 7AD 123371. \$ 33443. 0.2711 \$ -89928 41 2 B 7BS \$ 36867 109193. 0.3376 \$ -72326 2 B 7BD 2 B 7CS 2 B 7CD 157007. 42 \$ 36867. 0. 2348 \$ -120140. 43 36867 79015. 0.4666 \$ -42148 44 36867 146796 0. 2511 \$ -109929 45 2 B 8A 46 2 B 8B 47 2 B 9A 48 2 B 9B 25566. 125766. 0.2033 \$ -100200.12152. 0.1189 \$ 102214 -90062 \$ 25505. \$ 122240. 0.2086 \$ -96735 36036. 58695. 0.6139 \$ -22659.

The second of the second secon

SERIAL LISTING (Cont'd)

SER SALTTI	BENEFITS	COST	Γ BEN:COS'	BEN MINUS COST
49 2 B 90	\$ 17574.	\$ 74	817. 0. 234	9 \$ -57243.
50 2 B10A	\$ 25554.	\$ 130	0. 196	6 \$ -104449.
51 2 B10B	\$ 35297.	\$ 65	662. 0, 537	
52 2 B10C	\$ 16078.	\$ 82	415. 0. 195	
53 3 B 1A	\$ 52597.		288. 0. 086	
54 3 B 1B	\$ 77129.	7.00	220. 0. 687	
, 55 3 B 10	\$ 13645.		103. 0. 053	
56 3 B 1D	\$ 47623.		889. 0. 303	
57 3 B 2A	\$ 52595.		130. 0.086	
58 3 B 2B	\$ 47503.		043. 0.302	
59 3 B 3A	\$ 52595.		0.086	
60 3 B 3B	\$ 76874.		7551. 0. 654	
61 3 B 3C	\$ 47264.		762. 0. 299	and the second second
62 3 B 4A	\$ 52595.		563. 0.085	
63 3 B 4B	\$ 76650.		0. 635	
64 3 B 4C	\$ 46905.		639. 0. 292	
65 3 B 5A	\$ 46747.		740. 0. 551	
66 3 B 5B	\$ 60699.		545. 0. 701	
67 3 B 50S	\$ 77927.		0.665	
68 3 B 50D 69 3 B 5DS	\$ 77927. \$ 73071.		849. 0. 472 470. 0. 798	
69 3 B 5DS 70 3 B 5DD	\$ 73071. \$ 73071.		279. 0. 524	
71 3 B 5ES	\$ 75175.		746. 0. 753	
72 3 B 5ED	\$ 75175.		555. 0. 509	
73 3 B 5FS	\$ 76578.		371. 0. 770	
74 3 B 5FD	\$ 76578.		180. 0.520	
75 3 B 5GS	\$ 76578.		371. 0. 770	
76 3 B 5GD	\$ 76578.		180. 0.520	
77 3 B 6A	\$ 46747.		955. 0. 273	
78 3 B 6B	\$ 58539.		477. 0.619	
79 3 B 60S	\$ 77433.		096. 0.650	
80 3 B 6CD	\$ 77433.	\$ 166	911. 0.463	9 \$ -89478.
81 3 B 6DS	\$ 67339.	\$ 131	528. 0. 512	0 \$ -64189
82 3 B 6DD	\$ 67339.	\$ 179	343. 0. 375	5 \$ -112004.
83 3 B 6ES	\$ 69315.	\$ 105	235. 0. 658	7 \$ -35920.
84 3 B 6ED	\$ 69315.	\$ 153	050. 0. 452	9 \$ -83735.
85 3 B 6FS	\$ 70230.	\$ 100	0. 701	6 \$ −29866.
86 3 B 6FD	\$ 70230.	\$ 147	911. 0. 474	8 \$ -77681.
87 3 B 66S	\$ 70230.	\$ 100	0. 701	6 \$ -29866.
88 3 B 6GD	\$ 70230.	130 31 1102	911. 0. 474	
89 3 B 7A	\$ 51439.		766. 0. 409	
90 3 B 7B	\$ 30848.		593. 0. 278	
91 3 B 8A	\$ 51378.		456. 0. 403	
92 3 B 8B	\$ 73108.		035. 0.891	
93 3 B 8C	\$ 36270.		258. 0.435	
94 3 B 9A	\$ 51427.		219. 0.380	
95 3 B 9B	\$ 72369.	200	0.813	
96 3 B 9C	\$ 34774.		855. 0.382	
97 3 B10AS	\$ 76309.	\$ 54	112. 1. 410	2 \$ 22197.

	RANK O	RDE					
			TOTAL	HTIW			
	ENEFITS		0 0 5 7	BENEFIT		RATIO	RO
67 3 B 50S \$	77927.	\$	117034.			6658	1
68 3 B 5CD \$	77927.	\$	164849.			4727	2
79 3 B 6CS \$	77433.	\$	119096.			6502	3
80 3 B 6CD \$	77433.	\$	166911.			4639	4
54 3 B 1B \$	77129.	\$	112220.			6873	5
60 3 B 3B \$	76874.	\$	117551.			6540	6
63 3 B 4B \$	76650.	\$	120696.			6351	1
73 3 B 5FS \$	76578.	\$	99371.			7706	8
74 3 B 5FD \$	76578.	\$	147180.			5203	9
75 3 B 5GS \$ 76 3 B 5GD \$	76578.	\$	99371. 147180.			7706 5203	10
	76578.	\$	54112.			4102	11
	76309.	\$				7537	12
71 3 B 5ES \$ 72 3 B 5ED \$	75175. 75175.	\$	99746. 147555.			5095	13
92 3 B 8B \$	73108.	\$	82035.			8912	14 15
693B5DS \$	73071.	\$	91470.			7988	16
70 3 B 5DD \$	73071.	\$	139279.			5246	17
95 3 B 9B \$	72369.	\$	89002.			8131	18
85 3 B 6FS \$	70230.	\$	100096.			7016	19
86 3 B 6FD \$	70230.	\$	147911.			4748	20
87 3 B 6GS \$	70230.	· \$	100096.			7016	21
88 3 B 6GD \$	70230.	\$	147911			4748	22
83 3 B 6ES \$	69315.	\$	105235.			6587	23
84 3 B 6ED \$	69315.	\$	153050.			4529	24
81 3 B 6DS \$	67339.	\$	131528.			5120	25
82 3 B 6DD \$	67339.	\$	179343.			3755	26
66 3 B 5B \$	60699.	\$	86545.			7014	27
78 3 B 6B \$	58539.	\$	94477.			6196	28
53 3 B 1A \$	52597.	\$	608288.			0865	29
57 3 B 2A \$	52595.	\$	609130.			0863	30
59 3 B 3A \$	52595.	\$	610070.			0862	31
62 3 B 4A \$	52595.	\$	618563.			0850	32
89 3 B 7A \$	51439.	\$	125766.			4090	33
94 3 B 9A \$	51427.	\$	135219.			3803	34
91 3 B 8A \$	51378.	\$	127456.			4031	35
56 3 B 1D \$	47623.	\$	156889			3035	36
58 3 B 2B \$	47503.	\$	157043.			3025	37
61 3 B 3C \$	47264.	\$	157762.			2996	38
64 3 B 4C \$	46905.	\$	160639.		-	2920	39
65 3 B 5A \$	46747.	\$	84740.			5516	40
77 3 B 6A \$	46747.	\$	170955.			2734	41
14 1 B 4A \$	39184.	\$	78293.			5005	42
7 1 B 20S \$	38916.	\$	51394.			7572	43
8 1 B 2CD \$	38916.	\$	120784.			3222	44
2 1 B 1B \$	38650.	\$	112181.			3445	45
16 2 B 1B \$	38479.	\$	112220.			3429	46
22 2 B 3B \$	38224.	\$	94211.			4057	47
26 2 B 4B \$	38000.	\$	97356.			3903	48

RANK ORDER: BENEFIT (Cont'd)

District Com u)									
						TOTAL	WITH SAR		
SER	SAI	TTI	BH	ENEFITS		COST	BENEFIT COST	RATIO	RO
12	1 B	38	\$	37073.	\$	79668.	0.	4653	49
9	1 B	2DS	\$	36904.	\$	77926.	0.	4736	50
10	1 B	200	\$	36904.	\$	128782.	O.	2866	51
41	2 B		\$	36867.	\$	109193.	0.	3376	52
42	2 B	7BD	\$	36867.	\$	157007.	0.	2348	53
43	2 B	708	\$	36867.	*	79015.	0.	4666	54
44	2 B	7CD	\$	36867.	\$	146796.	0.	2511	55
33	2 B	5E	\$	36620.	\$	28236.	1.	2969	56
93	3 B	80	\$	36270.	\$	83258.	0.	4356	57
48	2 B	9B	\$	36036.	\$	58695.	0.	6139	58
51	2 B	10B	\$	35297.	\$	65662.	0.	5376	59
29	2 B		\$	34918.	\$	28376.		2306	60
31		50	\$	34918.	\$	28539.	1.	2235	61
96	3 B		\$	34774	\$	90855.		3827	62
	2 B		\$	33933.	\$	30879.		0989	63
	-	2A	\$	33882.	\$	62814.		5394	64
39	2 B		\$	33443.	\$	55566.		6019	65
40	2 B		\$	33443.	\$	123371.		2711	66
90	3 B	200	\$	30848.	\$	110593.		2789	67
		5B	\$	30084.	\$			6033	68
37		6D	\$	28255.	\$	69197.		4083	69
		6B	\$	27395.	\$	60298.		4543	70
6		2B	\$	26984.	\$	80327.		3359	71
1	1 B		\$	26298.	\$	608288.		0432	72
15	2 B		\$	26298.	\$	608288		0432	73
19	2 B	1000	\$	26297.	\$	609130.		0432	74
21	2 B		\$	26296.	\$	604854.		0435	75
		4A	\$	26296.	\$	613347.		0429	76
11	1 B		\$	25873.	\$	125035. 125766.		2069	77
	2 B		\$	25566. 25554.	\$	130003.		2033 1966	78 79
47		9A	\$	25505.	\$	122240.		2086	80
4	1 B		\$	23931.	\$	156729.		1527	81
	2 B		\$	23899.	\$	62998.		3794	82
	2 B		\$	23692.	\$	156889.		1510	83
	2 B	-	\$	23572.	\$	148664		1586	84
24	2 B		\$	23333.	\$	149322		1563	85
28	2 B		\$	22974.	\$	152199.		1509	86
34	2 8	3157-5	\$	22789.	\$	73472.		3102	87
36	2 B		\$	22789.	\$	70671.		3225	88
13	1 B		\$	18696.	\$	76797.		2434	89
		90	\$	17574.	\$	74817.		2349	90
52		100	\$	16078.	\$	82415.		1951	91
	3 B		\$	13645.	\$	256103.		0533	92
46	2 B	88	\$	12152.	\$	102214.		1189	93
3	1 B	10	\$	6857.	\$	256100.	0.	0268	94
17	2 B	10	\$	6788.	\$	256103.	O.	0265	95
23	2 B	30	\$	O.	\$	127483.	0.	0000	96
27	2 B	4C	\$	O.	\$	127343.	0.	0000	97

CONTRACTOR OF THE CONTRACTOR OF THE STANDARD O

					RANK	ORDE	R:	COST	HT1W	600			
SER	92	M 7	TTT	Fel	ENEFITS		C		BENEFIT		RATIO	L	80
			5E	\$	36620.	\$	_	28236.	DENEFTI		2969		1
29		В	5A	\$	34918	\$		28376.			2306		2
31		В	50	\$	34918	\$		28539.			2235		3
	2		5D	\$	33933.	\$		30879.			0989		4
			5B	\$	30084.	\$		49869.			6033		5
7	1		2CS	\$	38916.	\$		51394			7572		6
97			IOAS	\$	76309.	\$		54112.			4102		7
39			7AS	\$	33443.	\$		55566.			6019		8
		В		\$	36036.	\$		58695.			6139		9
			6B	\$	27395.	\$		60298.			4543	1	0
5	1	В	2A	\$	33882.	\$		62814.		Q.	5394	1	1
38	2	В	6E	\$	23899.	\$		62998.		0.	3794	1	2
51	2	B	10B	\$	35297.	\$		65662.		Ο.	5376	1	3
37	2	В	6D	\$	28255.	\$		69197.		0.	4083	1	4
36	2	В	60	\$	22789.	\$		70671.		O.	3225	1	5
34	2	В	6A	\$	22789.	\$		73472.		0.	3102	1	6
49	2	В	90	\$	17574.	\$		74817.		0.	2349	1	7
13	1	В	30	\$	18696.	\$		76797.		Ο.	2434	1	8
9	1	B	2DS	\$	36904.	\$		77926.		O.	4736	1	9
14	1	В	4A	\$	39184.	\$		78293.			5005	2	(0)
43	2		7CS	\$	36867.	\$		79015.			4666		1
12	1	В	3B	\$	37073.	\$		79668.			4653		2
6	1		2B	\$	26984.	\$		80327.			3359		3
92			88	\$	73108.			82035.			8912		4
. 0.000		Janes Children	100	\$	16078.	\$		82415.			1951		5
93				\$	36270.	\$		83258.			4356		6
	3		5A	\$	46747.	\$		84740.			5516		1
66		В	5B	\$	60699.	\$		86545.			7014		8
	3		9B	\$	72369.	\$		89002.			8131		9
	3	10000	90	\$	34774.	\$		90855.			3827		0
	3		SDS 3B	\$	73071.			91470.			7988		1
78		В	6B	\$	38224. 58539.	\$		94211.			4057 6196		2
26	2		4B	\$	38000.	\$		97356.			3903		4
73		В	SFS	\$	76578.	\$		99371.			7706		5
75		В	568	\$	76578.	\$		99371.			7706		16
71	-	_	SES	\$	75175.	\$		99746.			7537		37
85			6FS	\$	70230.	\$	1	00096.			7016		88
87			665	\$	70230.	\$		00096.			7016		19
46	2		88	\$	12152.	\$		02214.			1189	-	0
83			6ES	\$	69315.	\$		05235.			6587		1
41	2		7BS	\$	36867.	\$		09193.			3376		2
90	_	В	7B	\$	30848.	\$		10593.			2789		3
2	1	В	1B	\$	38650.	\$		12181.			3445		4
54		В	18	\$	77129.	\$		12220.			6873		5
16		В	18	\$	38479.	\$		12220.			3429		6
67		В	SCS	\$	77927.	\$		17034.			6658		7
60	3	В	ЗВ	\$	76874.	\$		17551.			6540		8
79	3	В	6CS	\$	77433.	\$	1	19096.			6502		9

RANK ORDER: COST (Cont'd)

						TOTAL	WITH SAR		
SER	SAI	TTI	Bl	ENEFITS		COST	BENEFIT COST	RATIO	RO
63	3 B	4B	\$	76650.	\$	120696.	0. 6	6351	50
8	1 B	20D	\$	38916.	\$	120784.	0. :	3222	51
47	2 B	9A	\$	25505.	\$	122240.	0. :	2086	52
40	2 B	ZAD	\$	33443.	\$	123371.	0. :	2711	53
11	1 B	ЗА	\$	25873.	\$	125035.	0. 3	2069	54
89	3 B	74	\$	51439.	\$	125766.	0.	4090	55
45	2 B	84	\$	25566.	\$	125766.	0. 3	2033	56
27	2 B	40	\$	O.	\$	127343.	0.	0000	57
91	3 B	88	\$	51378.	\$	127456.	0.	4031	58
23	2 B	30	\$	Ο.	\$	127483.	0.	0000	59
10		2DD	\$	36904.	\$	128782.	0. :	2866	60
50		104	\$	25554.	\$	130003.	0.	1966	61
81		6DS	\$	67339.	\$	131528.	0. 9	5120	62
54			\$	51427.	\$	135219.	0. :	3803	63
70		5DD	\$	73071.	\$	139279.	0. 5	5246	64
44	2 B		\$	36867.	\$	146796.	0. :	2511	65
74		5FD	\$	76578.	\$	147180.	0. !	5203	66
76	3 B		\$	76578.	\$	147180.		5203	67
72		SED	\$	75175.	\$	147555.		5095	68
	100	6FD	\$	70230.	\$ '		0.	4748	69
27070		6GD	\$	70230.	\$	147911.		4748	70
20			\$	23572.	\$	148664.		1586	71
24	2 B		\$	23333.	\$	149322.		1563	72
28		40	\$	22974.	\$	152199.		1509	73
84		6ED	\$	69315.	\$	153050.		4529	74
4	1 B	7070	\$	23931.	\$	156729.		1527	75
56	3 B		\$	47623.	\$	156889.		3035	76
18	2 B		\$	23692.	\$	156889.		1510	77
	2 B		\$	36867.	\$	157007.		2348	78
58	3 B	-	\$	47503.	\$	157043.		3025	79
61	3 B		\$	47264.	\$	157762. 160639.		2996	80
68		5CD	\$	46905. 77927.	\$	164849.		2920 4727	81 82
80		60D	\$	77433.	\$	166911		4/2/ 4639	83
77		6A	\$	46747.	\$	170955.		2734	84
82		6DD	\$	67339.	\$	179343.		2734 3755	85
3	1 B		\$	6857.	\$	256100.		3733 3268	86
	3 B		\$	13645	\$	256103.		0533	87
17	2 B		\$	6788.	\$	256103		0265	88
21	2 B		\$	26296.	\$	604854.		0435	89
53	3 B		\$	52597.	\$	608288.		0865	90
1	1 B		\$	26298.	\$	608288.		0432	91
15	2 B		\$	26298.	\$	608288.		0432	92
57	3 B	-	\$	52595.	\$	609130.		0863	93 .
19	2 B		\$	26297.	\$	609130.		0432	94
59	3 8	-	\$	52595.	\$	610070.		0862	95
25	2 B		\$	26296.	\$	613347.		0429	96
	3 B		\$	52595.	\$	618563.		0850	97

	KHINIS	CIVE	TOTAL		CAD	10	
SER SALTTI	BENEFITS		COST			RATIO	RO
97 3 B10AS			54112.	BENEFII		4102	
33 2 B 5E	\$ 36620		28236.			2969	2
29 2 B 5A	\$ 34918		28376.			2306	3
31 2 B 50	\$ 34918		28539.			2235	4
32 2 B 5D	\$ 33933		30879			0989	5
92 3 B 8B	\$ 73108		82035.			8912	6
95 3 B 9B	\$ 72369		89002			8131	7
69 3 B 5DS			91470.			7988	é
73 3 B 5F9			99371.			7706	9
75 3 B 5GS			99371.			7706	10
7 1 B 208			51394			7572	11
/1 3 B 5ES			99746.			7537	12
85 3 B 6F9			100096.			7016	13
87 3 B 6GS			100096.			7016	14
66 3 B 5B	\$ 60699		86545.			7014	15
54 3 B 1B	\$ 77129		112220.			6873	16
67 3 B 509			117034.			6658	17
83 3 B 6 E S			105235.			6587	18
60 3 B 3B	\$ 76874	. \$	117551.			6540	19
79 3 B 609			119096.		O.	6502	20
63 3 B 4B	\$ 76650	. \$.	120696.		O.	6351	21
78 3 B 6B	\$ 58539	. \$	94477.		0.	6196	22
48 2 B 9B	\$ 36036	. \$	58695.		0.	6139	23
30 2 B 5B	\$ 30084	. \$	49869.		O.	6033	24
39 2 B 7AS	\$ 33443	. \$	55566.		O.	6019	25
65 3 B 5A	\$ 46747	. \$	84740.		Ο.	5516	26
5 1 B 2A	\$ 33882	. \$	62814.		O.	5394	27
51 2 B10B	\$ 35297	. \$	65662.		Ο.	5376	28
70 3 B 5DD	\$ 73071	. \$	139279.		O.	5246	29
74 3 B 5FL	\$ 76578	. \$	147180.		O.	5203	30
76 3 B 5GD		. \$	147180.		O.	5203	31
81 3 B 6D9	\$ 67339	. \$	131528.		O.	5120	32
72 3 B SEE			147555.			5095	33
14 1 B 4A	\$ 39184		78293.			5005	34
86 3 B 6FD			147911.			4748	35
88 3 B 90D			147911.			4748	36
9 1 B 209			77926.			4736	37
68 3 B 50I			164849.			4727	38
43 2 B 708			79015.			4666	39
12 1 B 3B	\$ 37073		79668.			4653	40
80 3 B 6CD			166911.			4639	41
35 2 B 6B	\$ 27395		60298.			4543	42
84 3 B 6ED	The same of the sa		153050.			4529	43
93 3 B 8C	\$ 36270		83258.			4356	44
89 3 B 7A	\$ 51439		125766.			4090	45
37 2 B 6D	\$ 28255		69197.			4083	46
22 2 B 3B	\$ 38224		94211.			4057	47
91 3 B 8A	\$ 51378		127456.			4031	48
26 2 B 4B	\$ 38000	. \$	97356.		O.	3903	49

RANK ORDER: BENEFIT COST RATIO

RANK ORDER: BENEFIT COST RATIO (Cont'd) TOTAL WITH SAR

SER	SALTTI	BENEFI	TS	COST	BENEFIT COST	RATIO	RO
96	3 B 9C	\$ 3477	4. \$	90855.	0.	3827	50
94	3 B 9A	\$ 5142	7. \$	135219.	0.	3803	51
38	2 B 6E	\$ 2389	9. \$	62998.	0.	3794	52
82	3 B 6DD	\$ 6733	39. \$	179343.	0.	3755	53
2	1 B 1B	\$ 3865	50. \$	112181.	0.	3445	54
16	2 B 1B	\$ 3847	9. \$	112220.	O.	3429	55
41	2 B 7BS	\$ 3686	7. \$	109193.	0.	3376	56
6	1 B 2B	\$ 2698	34. \$	80327.		3359	57
36	2 B 6C	\$ 2278	39. \$	70671.		3225	58
8	1 B 20D	\$ 3891	.6. \$	120784.		3222	59
	2 B 6A	\$ 2278		73472.		3102	60
	3 B 1D	\$ 4762		156889.		3035	61
17.00	3 B 2B	\$ 4750		157043.		3025	62
61	3 B 3C	\$ 4726		157762.		2996	63
	3 B 4C	\$ 4690		160639.		2920	64
10	1 B 200	\$ 3690		128782.		2866	65
90	3 B 7B	\$ 3084		110593.		2789	66
	3 B 6A	\$ 4674		170955.		2734	67
	2 B 7AD	\$ 3344		123371.		2711	68
44		\$ 3686		and the second of the second		2511	69
13	1 B 3C	\$ 1869		76797.		2434	70
	2 B 9C 2 B 7BD	\$ 1757		74817.		2349	71
42	2 B 7BD 2 B 9A	\$ 3686 \$ 2550		157007. 122240.		2348	72 73
11	1 B 3A	\$ 2587		125035.		2069	74
	2 B 8A	\$ 2556		125766.		2033	75
50		\$ 2555		130003.		1966	76
	2 B10C	\$ 1607		82415.		1951	77
20		\$ 2357		148664		1586	78
	2 B 3D	\$ 2333		149322.		1563	79
4	1 B 1D	\$ 2393		156729.		1527	80
18	2 B 1D	\$ 2369		156889.		1510	81
28	2 B 4D	\$ 2297	4. \$	152199.	0.	1509	82
46	2 B 8B	\$ 1215	52. \$	102214.	0.	1189	83
53	3 B 1A	\$ 5259	7. \$	608288.	0.	0865	84
5/	3 B 2A	\$ 5259	5. \$	609130.	Q.	0863	85
59	3 B 3A	\$ 5259	5. \$	610070.	0.	0862	86
62	3 B 4A	\$ 5259	5. \$	618563.	0.	0850	87
55	3 B 1C	\$ 1364		256103.		0533	88
21		\$ 2629		604854.		0435	89
1	1 B 1A	\$ 2629		608288.		0432	90
15	2 B 1A	\$ 2629		608288.		0432	91
19	2 B 2A	\$ 2629		609130.		0432	92
25		\$ 2629		613347.		0429	93 .
3	1 B 1C	\$ 685		256100.		0268	94
17	2 B 1C	\$ 678		256103.		0265	95
27	2 B 4C	\$	0. \$	127343.		0000	96
23	2 B 3C	\$	O. \$	127483.	Q.	0000	97

RANK ORDER: BENEFIT MINUS ACOST											
SER SALTTI	BENEFITS	С	OST	BENEFIT M	INUS COST	RO					
97 3 B10AS	\$ 76309.	\$	54112.	\$	22197.	1					
33 2 B 5E	\$ 36620.	\$	28236.	\$	8384.	2					
29 2 B 5A	\$ 34918.	\$	28376.	\$	6542.	3					
31 2 B 50	\$ 34918.	\$	28539.	\$	6379.	4					
32 2 B 5D	\$ 33933.	\$	30879.	\$	3054.	5					
92 3 B 8B	\$ 73108.	\$	82035.	\$	-8927.	6					
7 1 B 20S	\$ 38916.	\$	51394.	\$	-12478.	7					
95 3 B 9B	\$ 72369.	\$	89002.	\$	-16633.	8					
69 3 B 5DS	\$ 73071.	\$	91470.	\$	-18399.	9					
30 2 B 5B	\$ 30084.	\$	49869.	\$	-19785.	10					
39 2 B 7AS	\$ 33443.	\$	55566.	\$	-22123.	11					
48 2 B 9B	\$ 36036.	\$	58695.	\$	-22659.	12					
73 3 B 5FS	\$ 76578.	\$	99371.	\$	-22793.	13					
-75 3 B 568	\$ 76578.	\$	99371.	\$	-22793.	14					
71 3 B SES	\$ 75175.	\$	99746.	\$	-24571.	15					
66 3 B 5B	\$ 60699.	\$	86545.	\$	-25846.	16					
5 1 B 2A	\$ 33882.	\$	62814.	\$	-28932.	17					
85 3 B 6FS 87 3 B 6GS	\$ 70230. \$ 70230.	-	00096.	\$	-29866. -29866.	18 19					
51 2 B10B	\$ 70230. \$ 35297.	\$.	65662.	\$	-27000. -30365.	20					
35 2 B 6B	\$ 27395.	\$	60298.	\$ \$	-30363. -32903.	21					
54 3 B 1B	\$ 77129.		12220.	\$	-35091.	22					
83 3 B 6ES	\$ 69315.		05235.	\$	-35920.	23					
78 3 B 6B	\$ 58539.	\$	94477.	\$	-35938.	24					
65 3 B 5A	\$ 46747.	\$	84740.	\$	-37993.	25					
38 2 B 6E	\$ 23899.	\$	62998.	\$	-39099	26					
67 3 B 50S	\$ 77927.		17034.	\$	-39107.	27					
14 1 B 4A	\$ 39184.	\$	78293.	•	-39109.	28					
60 3 B 3B	\$ 76874.	\$ 1	17551	\$	-40677.	29					
37 2 B 6D	\$ 28255.	\$	69197.	\$	-40942.	30					
9 1 B 2DS	\$ 36904.	\$	77926.	\$	-41022.	31					
79 3 B 6CS	\$ 77433.	\$ 1	19096.	\$	-41663.	32					
43 2 B 7CS	\$ 36867.	\$	79015.	\$	-42148.	33					
12 1 B 3B	\$ 37073.	\$	79668.	\$	-42595.	34					
63 3 B 4B	\$ 76650.	\$ 1	20696.	\$	-44046.	35					
93 3 B 8C	\$ 36270.	\$	83258.	\$	-46988.	36					
36 2 B 60	\$ 22789.	\$	70671.	\$	-47882.	37					
34 2 B 6A	\$ 22789.	\$	73472.	\$	-50683.	38					
6 1 B 2B	\$ 26984.	\$	80327.	\$	-53343.	39					
22 2 B 3B	\$ 38224.	\$	94211.	\$	-55987.	40					
96 3 B 9C	\$ 34774.	\$	90855.	\$	-56081.	41					
49 2 B 9C	\$ 17574.	\$	74817.		-57243.	42					
13 1 B 3C	\$ 18696.	\$	76797.	\$	-58101.	43					
26 2 B 4B	\$ 38000.	\$	97356.		-59356.	44.					
81 3 B 6DS	\$ 67339.		31528.	\$	-64189.	45					
70 3 B 5DD	\$ 73071.	-	39279.	\$	-66208.	46					
52 2 B10C	\$ 16078.	\$	82415.	\$	-66337.	47					
74 3 B 5FD	\$ 76578.	\$ 1	47180.		-70602.	48					

RANK ORDER: BENEFIT MINUS COST (Cont'd) TOTAL WITH SAR BENEFITS COST BENEFIT MINUS COST RO

SER	SA	LI	TI	B	ENEFITS	COST	BENEFIT	MINU	S COST	RO
76	3	В	560	\$	76578.	\$ 14718	30.	\$	-70602	49
41	2	В	7BS	\$	36867.	\$ 10919	73.	\$	-72326	50
72	3	В	SED	\$	75175.	\$ 14755	55.	\$	-72380.	51
2	1	В	1B	\$	38650.	\$ 11218	31.	\$	-73531	52
16	2	В	18	\$	38479.	\$ 11222	20.	\$	-73741	53
89	3	В	7A	\$	51439.	\$ 12576	56.	\$	-74327	54
91	3	В	84	\$	51378.	\$ 12745	56.	\$	-76078	55
86	3	В	6FD	\$	70230.	\$ 1479	11.	\$	-77681	56
88	3	В	6GD	\$	70230.	\$ 1479	11.	\$	-77681	57
	3		7B	\$	30848.	\$ 11059		\$	-79745	
8	_	В	200	\$	38916.	\$ 12078		\$	-81868	
84		-	6ED	\$	69315.	\$ 15305		\$	-83735.	
94	3		9A	\$	51427.	\$ 1352		\$	-83792	
			5CD	\$	77927.	\$ 16484		\$	-86922	
80			6CD	\$	77433.	\$ 1669		\$	-89478	
40			7AU	\$	33443.	\$ 1233		\$	-89928	
46	2		88	\$	12152.	\$ 1022		\$	-90062	
10		В	200	\$	36904.	\$ 12878		\$	-91878	
47	_	В	9A	\$	25505.	\$ 12224		\$	-96735.	
11	-	B	3A	\$	25873.	\$ 12500		\$	-99162	
45		B	8A	\$	25566.	\$ 12576			-100200	
50			OA	\$	25554.	\$ 13000			-104449.	
56	3	1757	10	\$	47623.	\$ 15688			-109266.	
58			2B		47503.	\$ 15704			-109540.	
44	3		70D 30	\$	36867.	\$ 14679			-109929.	
61 82	3	-	6DD	\$	47264.	\$ 1577 <i>6</i> 17934			-110498	
64	3		40	\$	67339. 46905.	\$ 16063			-112004. -113734.	
42	2		7BD	\$	36867.	\$ 15700			-120140.	
77	3		6A	\$	46747.	\$ 17095			-124208	
20	2		2B	\$	23572.	\$ 14866			-125092	
24	2		3D	\$	23333.	\$ 1493			-125989	
27	2		40	\$	Q.	\$ 12734			-127343	
23	2		30	\$	O.	\$ 12748			-127483	
28	2	В	40	\$	22974.	\$ 15219	99.		-129225	
4	1	Ŀ	1D	\$	23931.	\$ 15672	29.	\$ -	-132798	84
18	2	В	10	\$	23692.	\$ 15688	39.	\$ -	-133197.	85
55	3	В	10	\$	13645.	\$ 25610	03.	\$ -	-242458.	86
3	1	В	10	\$	6857.	\$ 25610		\$.	-249243.	87
1/	_	В	10	\$	6788.	\$ 25610	03.		-249315.	
53	-	В	1A	\$	52597.	\$ 60828			-555691.	
5/	3	1110	2A	\$	52595.	\$ 60910			-556535.	
59	3		3A	\$	52595.	\$ 6100			-557475.	
62	3		4A	\$	52595.	\$ 6185			-565968	
21	2		3A	\$	26296.	\$ 60485			-578558.	
1	_	B	10	\$	26298.	\$ 60828			-581990.	
15	2		1A	\$	26298.	\$ 60828			-581990.	
19	_	B	2A	\$	26297.	\$ 60913			-582833.	
25	2	В	44	\$	26296.	\$ 61334	+7.	\$.	-587051.	97

					MAIN	CHAZIE		TOTAL		IOUT S	AP.		
SER	94	. 1	100	BE.	NEFITS		C	OST	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			RATIO	RO
33			5Ē	\$	36620.	\$	-	28236.	DENET I		806		1
29		-	SA	\$	34918.			28376.			710		2
31			50	\$	34918	\$		28539.			676		3
	2			\$	23899.	\$		62998.			403		4
36			6C	\$	22789	\$		70671.			292		Ś
37			60	\$	28255.	\$		69197			288		6
32			5D	\$	33933.	\$		30879.			196		7
91			OAS	\$	76309.			54112.			841		8
34	2	В	6A	\$	22789.	\$		73472.			788		9
30	2	B	5B	\$	30084.	\$		49869.		1.	612	6	10
66	3	E	5B	\$.	60699.	\$		86545.		1.	445	4	11
78	3	B	68	\$	58539.	\$		94477.		1.	326	6	12
35	2	В	6B	\$	27395.	\$		60298.		1.	317	8	13
7/	3	В	6A	\$	46747.	\$	1	70955.		1.	296	1	14
65	3	В	5A	\$	46747.	\$		84740.		1.	193	4	15
92	3	В	88	\$	73108.	\$		82035.		1.	083	8	16
1	1	В	208	\$	38916.	\$		51394.		1.	041	7	17
95	3	В	9B	\$	72369.	\$		89002.		0.	985	2	18
69	3	В	SDS	\$	73071.	\$		91470.		0.	959	5	19
81			6DS	\$	67339.	\$	1	31528.		0.	921	9	20
	3			\$	36270.	\$		83258.		0.	903	1	21
73		-	SFS	\$	76578.			99371.		0.	899	3	22
75			568	\$	76578.	\$		99371.		0.	899	3	23
71			SES	\$	75175.	\$		99746.		Q.	884	5	24
			6FS	\$	70230.			00096.			856		25
87			6GS	\$	70230.	\$		00096.			856		26
5			2A	\$	33882.	\$		62814.			836		27
			6ES	\$	69315.	\$		05235.			817		28
	2	-		\$	36036.	\$		58695.		7	816		29
96			90	\$	34774.	\$		90855.			816		30
	3			\$	30848.	\$	1	10593.			795		31
39 54			7AS 1B	\$	33443.	\$		55566.			787		32
6			2B	\$	77129.	\$		12220.			779		33
67			50S	\$	26984. 77927.	\$		80327. 17034.			776		34
	3			\$	76874.	\$		17551.			752 737		35
79			60S	\$	77433.	\$		19096.			732		36
	3			\$	76650.	\$		20696.			714		37
51			OB	\$	35297.	\$		65662.			704		38 39
14			40	\$	39184.	\$		78293.		-	606		40
		-	5DD	\$	73071.	\$		39279.			589		41
		_	SFD	\$	76578	\$		47180.			575		42
76			5GD	\$	76578.	\$		47180.			575		43
12		550	зв	\$	37073.	\$		79668.			568		44
72			SED	\$	75175.			47555.			566		45
9			208	\$	36904.	\$		77926.			565		46
82	-	_	6DD	\$	67339.			79343.			557		47
43			708	\$	36867.	\$		79015.			555		48
					And the second s			and the second		-	100000000000000000000000000000000000000		

RANK ORDER: BENEFIT COST RATIO

$\begin{array}{cccc} \textbf{RANK ORDER:} & \textbf{BENEFIT COST RATIO (Cont'd)} \\ & \textbf{TOTAL} & \textbf{WITHOUT SAR} \end{array}$

SER	SALT	ГТI	В	ENEFITS		COST	BENEFIT COST	RATIO	RO
49	2 B	90	\$	17574.	\$	74817.	0	5540	49
86		6FD	\$	70230.	\$	147911.		5408	50
88	3 B		\$	70230.	\$	147911.		5408	51
84	3 B		\$	69315.	\$	153050.		5225	52
68	3 B		\$	77927.	\$	164849.		5147	53
	3 B		\$	77433.	\$	166911.		5043	54
13		30	\$	18696.	\$	76797.	0.	4821	55
22		ЗВ	\$	38224.	\$	94211.	O.	4721	56
52	2 B1	OC.	\$	16078.	\$	82415.	0.	4709	57
89	3 B	7A	\$	51439.	\$	125766.	0.	4654	58
91	3 B	88	\$	51378.	\$	127456.	0.	4589	59
26	2 B	48	\$	38000.	\$	97356.	O.	4529	60
94	3 B	9A	\$	51427.	\$	135219.	0.	4287	61
46	2 B	88	\$	12152.	\$	102214.	0.	3998	62
2	1 B	1B	\$	38650.	\$	112181.	0.	3904	63
16	2 B	1 B	\$	38479.	\$	112220.	O.	3887	64
41	2 B	7 BS	\$	36867.	\$	109193.	0.	3820	65
8	1 B	2CD	\$	38916.	\$	120784.	0.	3646	66
56	3 B	1 D	\$	47623.	\$	156889.	Q.	3363	67
58	3 B	28	\$	47503.	\$	157043.	0.	3355	68
61	3 B		\$	47264.	\$	157762.	0.	3311	69
64	3 B	4C	\$	46905.	\$	160639.	0.	3226	70
10	170	2DD	\$	36904.	\$	128782.		3179	71
40	2 B	740	\$	33443.	\$	123371.		3033	72
44	2 B	7CD	\$	36867.	\$	146796.		2749	73
42	2 B	7BD	\$	36867.	\$	157007.		2554	74
47	2 B	9A	\$	25505.	\$	122240.		2390	75
11	1 B	3A	\$	25873.	\$	125035.		2358	76
45	2 B		\$	25566.	\$	125766.		2313	77
50	2 B1		\$	25554.	\$	130003.		2227	78
20	2 B		\$	23572.	\$	148664.		1769	79
24	2 B	30	\$	23333.	\$	149322.		1737	80
4	1 B	1 D	\$	23931.	\$	156729.		1690	81
28	2 B	40	\$	22974.	\$	152199.		1677	82
18	2 B	1 D	\$	23692.	\$	156889.		1673	83
53	3 B	1A	\$	52597.	\$	608288.		0884	84
57	3 B	24	\$	52595.	\$	609130.		0882	85
59	3 B	3A	\$	52595.	\$	610070.		0881	86
62	3 B	4A	\$	52595.	\$	618563.		0869	87
55	3 B	10 3A	\$	13645. 26296.	\$	256103.		0561 0444	88 89
21	1 B	1A	\$	26298.	\$	604854.		0442	90
15	2 B	10	\$	26298.	\$	608288. 608288.		0442	91
19	2 B	2A	\$	26297.	\$	608288.		0442	92
25	2 B	4A	\$	26297.	\$	613347.		0438	93
3	1 B	10	\$	6857	\$	256100.		0282	94
17	2 B	10	\$	6788.	\$	256100.		0279	95
23	2 B	30	\$	0,00.	\$	127483.		0000	96
27		40	\$	0.	\$	127343.		0000	97
21	2 5	40	*	O.	*	12/343.	O.	0000	11

	RANK		ENEFIT MINUS	cost	
			OTAL WITHOU		
SER SALTTI	BENEFITS	0.0			RO
97 3 B10AS	\$ 76309.		112. \$	34875.	1
33 2 B 5E	\$ 36620.		236. \$	23573.	2
29 2 B 5A 31 2 B 5C	\$ 34918.		1376. \$ 1539. \$	22035.	3
	\$ 34918. \$ 60699.			21871.	4
66 3 B 5B 32 2 B 5D	\$ 60699. \$ 33933.		.545.	18704. 18482.	5
37 2 B 6D	\$ 28255		197. \$	15908	7
78 3 B 6B	\$ 58539.		477. \$	14411	8
38 2 B 6E	\$ 23899		998. \$	13957.	9
36 2 B 60	\$ 22789.		671. \$	12846	10
30 2 B 5B	\$ 30084.		869. \$	11429	11
77 3 B 6A	\$ 46747.		955. \$	10680.	12
34 2 B 6A	\$ 22789.		472. \$	10045.	13
65 3 B 5A	\$ 46747		740. \$	7575.	14
35 2 B 6B	\$ 27395.		298. \$	6607.	15
92 3 B 8B	\$ 73108.	\$ 82	035. \$	5655.	16
7 1 B 2CS	\$ 38916.	\$ 51	394. \$	1556.	17
95 3 B 9B	\$ 72369.	\$ 89	002. \$	-1089.	18
69 3 B 5DS	\$ 73071.	\$ 91	470. \$	-3083.	19
93 3 B 80	\$ 36270.	\$ '83	258. \$	-3891	20
81 3 B 6DS	\$ 67339.		528. \$	-5706.	21
5 1 B 2A	\$ 33882.		814. \$	-6628.	22
6 1 B 2B	\$ 26984.		327. \$	-7774.	23
96 3 B 90	\$ 34774.		855. \$	-7809.	24
90 3 B 7B	\$ 30848.		593. \$	-7930.	25
48 2 B 9B	\$ 36036.		695. \$	-8077.	26
73 3 B 5FS 75 3 B 5GS	\$ 76578.	-	371. \$ 371. \$	-8573.	27
39 2 B 7AS	\$ 76578. \$ 33443.	36	9371. \$ (566. \$	-8573. -9030.	28
71 3 B 5ES	\$ 75175.		746.	-9030. -9812.	29 30
85 3 B 6FS	\$ 70230.		096. \$	-11812	31
87 3 B 66S	\$ 70230.		096. \$	-11812.	32
49 2 B 9C	\$ 17574.		817. \$	-14147	33
51 2 B10B	\$ 35297		662. \$	-14822	34
83 3 B 6ES	\$ 69315.		235. \$	-15531	35
52 2 B10C	\$ 16078.		415. \$	-18064	36
46 2 B 8B	\$ 12152.		214. \$	-18247	37
13 1 B 30	\$ 18696.	\$ 76	797. \$	-20082.	38
54 3 B 1B	\$ 77129.	\$ 112	220. \$	-21864.	39
27 2 B 40	\$ 0.	\$ 127	343. \$	-24284.	40
23 2 B 3C	\$ 0.	\$ 127	483. \$	-24424.	41
14 1 B 4A	\$ 39184.		293. \$	-25379.	42
67 3 B 50S	\$ 77927.		034. \$	-25661.	43
60 3 B 3B	\$ 76874.		\$51. \$	-27429.	44
12 1 B 3B	\$ 37073.		668. \$	-28138.	45
79 3 B 60S	\$ 77433.		096.	-28288.	46
9 1 B 2DS	\$ 36904.		926. \$	-28339.	47
43 2 B 7CS	\$ 36867.	\$ 79	015. \$	-29464.	48

RANK ORDER: BENEFIT MINUS COST (Cont'd) ${\bf TOTAL\ WITHOUT\ SAR}$

63 3 B 4B	SER	SALTTI	BENEFITS		COST	BENEFIT N	INUS COST	RO
26 2 B 4B	63	3 B 4B	\$ 76650.	\$	120696.	\$	-30590.	49
70 3 B SDID \$ 73071 \$ 139279 \$ -50892 \$ 52 8Z 3 B 6DD \$ 67339 \$ 179343 \$ +53521 \$ 53 74 3 B 5FD \$ 76578 \$ 147180 \$ -56382 \$ 54 76 3 B 5ED \$ 76578 \$ 147180 \$ -56382 \$ 55 72 3 B 5ED \$ 75175 \$ 147555 \$ -57621 \$ 56 89 3 B 7A \$ 51439 \$ 125766 \$ -59097 \$ 57 36 3 B 6FD \$ 70230 \$ 147911 \$ -59627 \$ 59 41 2 B 7BS \$ 36867 \$ 109193 \$ -59642 \$ 60 2 1 B 1B \$ 38650 \$ 112220 \$ -60342 \$ 61 41 2 B 7BS \$ 38650 \$ 112220 \$ -60573 \$ 63 44 3 B 6ED \$ 51378 \$ 127456 \$ -60573 \$ 63 44 3 B 6ED \$ 51427 \$ 135050 \$ -63346 \$ 64 8 1 B 5CD \$ 77927 \$ 148499 \$ -73476 \$ 67 80 3 B 6CD \$ 77927 \$ 148499 \$ -73476 \$ 67	22	2 B 3B	\$ 38224.	\$	94211.	\$	-42739.	50
82 3 B 6DD \$ 67339, \$ 179343 \$ -53521. 53 74 3 B 5FD \$ 76578. \$ 147180. \$ -56382. 55 74 3 B 5FD \$ 76578. \$ 147180. \$ -56382. 55 72 3 B 5ED \$ 76578. \$ 147555. \$ -57621. 56 89 3 B 7A \$ 51439. \$ 125766. \$ -59097. 57 86 3 B 6FD \$ 70230. \$ 147911. \$ -59627. 58 88 3 B 6FD \$ 70230. \$ 147911. \$ -59627. 58 88 3 B 6FD \$ 70230. \$ 147911. \$ -59627. 59 41 2 B 7BS \$ 36867. \$ 109193. \$ -60342. 61 16 2 B 1B \$ 38650. \$ 112181. \$ -60342. 61 16 2 B 1B \$ 388499. \$ 112220. \$ -60513. 62 84 3 B 6ED \$ 69315. \$ 153050. \$ -63346. 64 8 1 B 2CD \$ 38916. \$ 120784. \$ -67834. 65 84 3 B 9A \$ 51427. \$ 125219. \$ -68542. 66 8 1 B 3CD \$ 77433. \$ 1264849. \$ -73476. 67 80 3 B 6CD \$ 77433. \$ 123371. \$ -76835. 69 10 1 B 2DD \$ 33443. \$ 123371. \$ -76835. 69 11 1 B 3A \$ 25565. \$ 125766. \$ -84970. 73 11 1 B 3A \$ 25564. \$ 125035. \$ -83836. 72 15 B 7B \$ 36867. \$ 130003. \$ -83979. 74 15 B 7B \$ 36867. \$ 1250003. \$ -83979. 74 16 B 7B \$ 36867. \$ 1250007. \$ -95483. 77 17 2 B 10 \$ 36867. \$ 125007. \$ -95483. 77 18 B 3B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 47623. \$ 156889. \$ -93975. 75 18 B 4C \$ 46905. \$ 160639. \$ -93975. 75 18 B 4C \$ 46905. \$ 160639. \$ -93975. 75 18 B 4C \$ 46905. \$ 168664. \$ -97245. 80 18 B 1D \$ 23572. \$ 168664. \$ -97245. 80 18 B 1D \$ 23572. \$ 168664. \$ -97245. 80 18 B 1D \$ 23572. \$ 168664. \$ -97245. 80 18 B 1D \$ 23572. \$ 168664. \$ -97245. 80 18 B 1D \$ 23572. \$ 168664. \$ -97245. 80 18 B 1D \$ 23593. \$ 156709. \$ -95483. 77 19 B 1B 1D \$ 23593. \$ 156709. \$ -95483. 77 19 B 1D \$ 23595. \$ 608288. \$ -568939. 95 18 B 1A \$ 26298. \$ 608288. \$ -568939. 95 18 B 1A \$ 26298. \$ 608288. \$ -568939. 95 18 B 1A \$ 26299. \$ 608288. \$ -568939. 95 19 2 B 2A \$ 26297. \$ 609130. \$ 5669768. 96	26	2 B 4B	\$ 38000.	\$	97356.	\$	-45900.	51
74 3 B SFD \$ 76578. \$ 147180. \$ -56382. 54 76 3 B SGD \$ 76578. \$ 147180. \$ -56382. 55 72 3 B SED \$ 75175. \$ 147555. \$ -57621. 56 89 3 B 7A \$ 51439. \$ 125766. \$ -59097. 57 86 3 B 6FD \$ 70230. \$ 147911. \$ -59627. 58 88 3 B 6GD \$ 70230. \$ 147911. \$ -59627. 58 88 3 B 6GD \$ 70230. \$ 147911. \$ -59627. 59 41 2 B 7BS \$ 36867. \$ 109193. \$ -59642. 60 2 1 B 1B \$ 38650. \$ 112181. \$ -60342. 61 16 2 B 1B \$ 38450. \$ 112220. \$ -60513. 62 91 3 B 8A \$ 51378. \$ 127456. \$ -60573. 62 91 3 B 8A \$ 51378. \$ 1207456. \$ -60573. 63 84 3 B 8 6ED \$ 69315. \$ 153050. \$ -63346. 64 8 1 B 2CD \$ 38916. \$ 120784. \$ -67834. 65 94 3 B 9A \$ 51427. \$ 135219. \$ -68542. 66 8 3 B 5CD \$ 77927. \$ 164849. \$ -73476. 67 80 3 B 5CD \$ 77927. \$ 164849. \$ -73476. 67 80 3 B 5CD \$ 57433. \$ 166911. \$ -76103. 68 40 2 B 7AD \$ 33443. \$ 123371. \$ -76835. 69 10 1 B 2DD \$ 36904. \$ 122340. \$ -81230. 71 11 1 B 3A \$ 25873. \$ 125035. \$ -83836. 72 45 2 B 8A \$ 25556. \$ 122240. \$ -81230. 71 11 1 B 3A \$ 25873. \$ 125035. \$ -83836. 72 45 2 B 8A \$ 25556. \$ 125766. \$ -84970. 73 50 2 B10A \$ 25554. \$ 130003. \$ -89199. 74 42 B 7CD \$ 36867. \$ 146796. \$ -973475. 80 44 2 B 7CD \$ 36867. \$ 146796. \$ -97498. 76 64 3 B 1D \$ 47623. \$ 156889. \$ -93975. 75 64 3 B 1D \$ 36867. \$ 146796. \$ -97498. 76 64 3 B 1D \$ 23933. \$ 149322. \$ -110974. 82 42 B 7BD \$ 36867. \$ 146899. \$ -972978. 83 41 B 1D \$ 23931. \$ 156709. \$ -107456. 80 42 2 B 7BD \$ 36867. \$ 146899. \$ -972978. 83 4 1 B 1D \$ 23931. \$ 156899. \$ -972978. 88 4 1 B 1D \$ 23931. \$ 156899. \$ -117906. 85 53 3 B 1C \$ 13645. \$ 256103. \$ -228573. 87 17 2 B 10 \$ 23692. \$ 156889. \$ -117906. 85 53 3 B 1A \$ 52595. \$ 609130. \$ -544410. 91 54 2 B 3A \$ 26298. \$ 608288. \$ -568939. 94 55 2 B 1A \$ 26298. \$ 608288. \$ -568939. 95	70	3 B 50D	\$ 73071.	\$	139279.	\$		52
76 3 B 56D \$ 76578 \$ 147180. \$ -56382. 55 72 3 B 56D \$ 775175 \$ 147555. \$ -57621. 56 89 3 B 7A \$ 51439. \$ 125766. \$ -59097. 57 86 3 B 6FD \$ 70230. \$ 147911. \$ -590627. 58 88 3 B 6GD \$ 70230. \$ 147911. \$ -59627. 58 81 2 7BS \$ 36867. \$ 109193. \$ -59627. 59 41 2 B 7BS \$ 36867. \$ 109193. \$ -59627. 59 41 2 B 1B \$ 388650. \$ 112181. \$ -60342. 61 16 2 B 1B \$ 388479. \$ 112220. \$ -60513. 62 91 3 B 8A \$ 51378. \$ 127456. \$ -60513. 62 84 3 B 6ED \$ 69315. \$ 153050. \$ -63346. 64 8 1 B 2CD \$ 38916. \$ 120784. \$ -67834. 66 68 3 B 5CD \$ 77927. \$ 164849. \$ -73476. 67 80 3 B 6CD \$ 77927. \$ 164849. \$ -73476. 67 80 1 B 2DD \$ 36904. \$ 128782. \$ -779195. 70 47 2 B 7AB \$ \$ 25556. \$ 122240. \$ -81230. 71	82	3 B 6DD	\$ 67339.	\$	179343.	\$	-53521.	53
89 3 B FED \$ 75175 \$ 147555 \$ -57021 56 89 3 B A \$ 51439 \$ 125766 \$ -59097 57 88 3 B 6D \$ 70230 \$ 147911 \$ -59627 59 41 2 B 788 \$ 36867 \$ 109193 \$ -59642 60 2 1 B B 38650 \$ 112181 \$ -60513 62 91 3 B A \$ 51378 \$ 127456 \$ -60513 62 91 3 B A \$ 51378 \$ 12200 \$ -60513 62 91 3 B A \$ 51378 \$ 122080 \$ -60573 63 40 2 B A \$	74	3 B 5FD	\$ 76578.	\$	147180.	\$	-56382.	54
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	19	2 B 2A		\$				
	25	2 B 4A	\$ 26296.	\$	613347.	\$	-573985.	97

					RANK	ORDE	R:	BENEFI	T COST	RAT	10	
					COMME	RCIA	L	TOTAL				
SER	SA	LI	177	BE	NEFITS		0 (3 S T	BENEFIT	COST	RATIO	RO
69	3	Ŀ	5DS	\$	73071.	\$	5	91470.		6.	9454	1
70	3	B	SDD	\$	73071.	\$	1:	39279.		6.	9454	2
81	30	E	6DS	\$	67339.	\$	1	31528.		6.	3858	3
82	3	В	6DD	\$	67339.	\$	1	79343.		6.	3858	4
97	11.	-	OAS	\$	76309.	\$		54112.		5.	9925	5
65	3	В	5A	\$	46747.	\$	- 6	34740.		4.	4731	6
77			6A	\$	46747.	\$	1	70955.		4.	4731	7
33	2		SE	\$	36620.	\$		28236.		4.	0895	8
29	2		SA	\$	34918.	\$		28376.			8995	9
31		B	50	\$	34918.	\$		28539.		3.	8995	10
73	3	-	5FS	\$	76578.	\$		99371.			8583	11
74	3	B	SED	\$	76578.	\$		47180.		3.	8583	12
75		B	568	\$	76578.	\$		99371.			8583	13
76			5GD	\$	76578.	\$		47180.			8583	14
71			5ES	\$	75175.	\$		99746.			7857	15
72			5ED	\$	75175.	\$	-	47555.			7857	16
85			6FS	\$	70230.	\$		00096.			5301	17
86			6FD	\$	70230.	\$		47911.			5301	18
87	1000	175	668	\$	70230.	\$	-	00096.			5301	19
88			660	\$	70230.	\$	181 070	47911.			5301	20
			6ES	\$	69315.	\$		05235.			4828	21
84			6ED	\$	69315.	\$		53050.			4828	22
66 9			5B	\$	60699.	\$		36545.			0913	23
			20S	\$	36904.	\$		77926.			0594	24
10		-	2DD 2CS	\$	3690 4 . 389 1 6.	\$		28782.			0594	25
é			20D	\$	38916.	\$		51394. 20784.			0583 0583	26
78	_		6B	\$	58539.	\$	1000	94477.			9602	27
32			5D	\$	33933.	\$		30879.			9546	28 29
39			7AS	\$	33443.	\$		55566.			9115	30
40		-	ZAD	\$	33443.	\$		23371.			9115	31
38		-	SE	\$	23899.	\$		52998.			6689	32
6		В	2B	\$	26984.	\$		30327.			5788	33
34		В	GA	\$	22789.	\$		73472			5449	34
36		В	60	\$	22789.	\$		70671.			5449	35
37		_	6D	\$	28255.	\$		9197.			4485	36
67			5CS	\$	77927.	\$		7034			8502	37
68			SCD	\$	77927.	\$	_	4849.			8502	38
79			608	\$	77433.	\$		9096.			8343	39
80	-	-	6CD	\$	77433.	\$	- 5 2	6911.		1000	8343	40
- 5	1	В	2A	\$	33882.	\$		2814.			7926	41
92	3	В	88	\$	73108.	\$		32035.			6368	42
95	3	В	9B	\$	72369.	\$		39002.			6137	43
30	2	В	5B	\$	30084.	\$	1	19869.		1.	5364	44
35	2	В	6B	\$	27395.	\$	6	0298.			3619	45
93	3	В	80	\$	36270.	\$	8	33258.			1955	46
	-	В	90	\$	34774.	\$	9	20855.		1.	1462	47
41	2	В	7BS	\$	36867.	\$	10	09193.		1.	0188	48

RANK ORDER: BENEFIT COST RATIO (Cont'd) COMMERCIAL TOTAL

SER SALTTI	BENEFITS		COST	BENEFIT COST RATIO	RO
42 2 B 7BD	\$ 36867.	\$	157007.	1.0188	49
43 2 B 7CS	\$ 36867.	\$	79015.	1.0188	50
44 2 B 7CD	\$ 36867.	\$	146796.	1.0188	51
90 3 B 7B	\$ 30848.	\$	110593.	1. 0168	52
54 3 B 1B	\$ 77129.	\$	112220.	0. 9768	53
60 3 B 3B	\$ 76874.	\$	117551.	0. 9723	54
63 3 B 4B	\$ 76650.	\$	120696.	0. 9683	55
12 1 B 3B	\$ 37073.	\$	79668.	0, 8348	56
48 2 B 9B	\$ 36036.	\$	58695.	0. 8020	57
51 2 B10B	\$ 35297.	\$	65662.	0. 7789	58
14 1 B 4A	\$ 39184.	\$	78293.	0. 6729	59
13 1 B 3C	\$ 18696.	\$	76797.	0. 6163	60
49 2 B 9C	\$ 17574	\$	74817.	0. 5793	61
52 2 B10C 89 3 B 7A	\$ 16078. \$ 51439.	\$	82415. 125766.	0. 5300 0. 4923	62
89 3 B 7A 94 3 B 9A	\$ 51427.	\$	135219.	0. 4923	63
91 3 B 8A	\$ 51378.	₽	127456.	0. 4922	64
2 1 B 1B	\$ 38650.	\$	112181.	0. 4899	65 66
16 2 B 1B	\$ 38479.	\$	112220	0. 4869	67
22 2 B 3B	\$ 38224.	\$	94211.	0. 4824	68
26 2 B 4B	\$ 38000.	\$	97356.	0. 4785	69
46 2 B 8B	\$ 12152.	\$	102214.	0. 4006	70
56 3 B 1D	\$ 47623.	\$	156889.	0. 3576	71
58 3 B 2B	\$ 47503.	\$	157043.	0. 3567	72
61 3 B 3C	\$ 47264.	\$	157762.	0. 3549	73
64 3 B 4C	\$ 46905.	\$	160639.	0. 3523	74
11 1 B 3A	\$ 25873.	\$	125035.	0. 2476	75
45 2 B 8A	\$ 25566.	\$	125766.	0. 2447	76
50 2 B10A	\$ 25554.	\$	130003.	0. 2446	77
47 2 B 9A	\$ 25505.	\$	122240.	0. 2441	78
4 1 B 1D	\$ 23931.	\$	156729.	0. 1797	79
18 2 B 1D	\$ 23692.	\$	156889.	0. 1779	80
20 2 B 2B	\$ 23572.	\$	148664	0. 1770	81
24 2 B 3D	\$ 23333.	\$	149322.	0. 1752	82
28 2 B 4D	\$ 22974. \$ 52597.	\$	152199.	0. 1725	83
53 3 B 1A 57 3 B 2A	\$ 52597. \$ 52595.	\$	608288. 609130.	0. 0891	84
57 3 B 2A 59 3 B 3A	\$ 52595.	\$	610070.	0. 0891 0. 0891	85
62 3 B 4A	\$ 52595.	\$	618563.	0. 0891	86 87
55 3 B 1C	\$ 13645.	\$	256103.	0. 0561	88
1 1 B 1A	\$ 26298.	\$	608288.	0.0446	89
15 2 B 1A	\$ 26298.	\$	608288.	0. 0446	90
19 2 B 2A	\$ 26297.	\$	609130.	0. 0446	91
21 2 B 3A	\$ 26296.	\$	604854.	0. 0446	92
25 2 B 4A	\$ 26296.	\$	613347.	0. 0446	93
3 1 B 1C	\$ 6857.	\$	256100.	0. 0282	94
17 2 B 1C	\$ 6788.	\$	256103.	0. 0279	95
23 2 B 3C	\$ 0.	\$	127483.	0. 0000	96
27 2 B 4C	\$ 0.	\$	127343.	0. 0000	97

					COMMER	ROIA	L TOTAL				
SER	84	AL T	117	BE	NEFITS		COST	BENEFIT MI	NUS	COST	RO
97	3	BI	LOAS	\$	76309.	\$	54112.	\$	4250	06.	1
69	3	В	508	\$	73071.	\$	91470.	\$	417	74.	2
70	3	\mathbf{E}	SDD	\$	73071.	\$	139279.	\$	4177	74.	3
73	3	B	5FS	\$	76578.	\$	99371.	\$	3790	34.	4
74	3	В	SED	\$	76578.	\$	147180.	\$	3790	34.	5
75	3	В	568	\$	76578.	\$	99371.	\$	3790	34.	6
76	3	В	5GD	\$	76578.	\$	147180.	\$	3790	34.	7
81	3	В	6DS	\$	67339.	\$	131528.	\$	3784	42.	8
82	3		6DD	\$	67339.	\$	179343.	\$	3784	12.	9
71	3		SES	\$	75175.	\$	99746.	\$	369.		10
72	3		SED	\$	75175.	\$	147555.	\$	3697		11
85	3	500	6FS	\$	70230.	\$	100096.	\$	3358		12
86	3		6FD	\$	70230.	\$	147911.	\$	3358		13
87	3	1377	668	\$	70230.	\$	100096.	\$	3358		14
88	3		6GD	\$	70230.	\$	147911.	\$	3358		15
83	3		6ES	\$	69315.	\$	105235.	\$	3295		16
84	3		6ED	\$	69315.	\$	153050.	\$	3295		17
66	3	В	5B	\$	60699.	\$	86545.	\$	2492		18
67	3	E		\$	77927.	\$	117034.	\$	2389		19
68	3	В	SCD	\$	77927.	\$	164849.	\$	2389		20
65	3	В	SA	\$	46747.	\$	84740.	\$	2365		21
77	3		6A	\$	46747.	\$	170955.	\$	2365		22
79	3		60S	\$	77433.	\$	119096.	\$	2344		23
80	3	В	6CD	\$	77433.	\$	166911.	\$	2344		24
78	3		6B	\$	58539.	\$	94477.	\$	2334		25
33	2	B	5E	\$	36620.	\$	28236.	\$	185		26
92 95	3	В	8B	\$	73108.	\$	82035.	\$	1851		27
75	1	B	98 208	\$	72369. 38916.	\$	89002.	\$	1780		28
8	1	В	2CD	\$	38916.	\$	51394. 120784.	\$ \$	1752		29 30
29	2	В	5A	\$	34918.	∌	28376	\$	173		31
31	2	В	50	\$	34918	\$	28539.	\$	1737		
9	1	B	2DS	\$	36904.	\$	77926.	\$ \$	1662		32 33
10	1	В	200 200	\$	36904.	\$	128782.	\$	1662		34
32	2	В	5D	\$	33933.	\$	30879.	\$	1497		35
39	2	В	ZAS	\$	33443.	\$	55566.	\$	1464		36
40	2	В	ZAD	\$	33443.	\$	123371	\$	1464		37
37	2	В	6D	\$	28255.	\$	69197	\$	1109		38
6	1	E	2B	\$	26984.	\$	80327.	\$	1075		39
38	2	B	6E	\$	23899.	\$	62998.	\$	1000		40
5	1	В	2A	\$	33882	\$	62814.	\$	944		41
34	2	B	6A	\$	22789.	\$	73472.	\$	920		42
36	2	B	60	\$	22789.	\$	70671.	\$	926		43
30	2	B	5B	\$	30084	\$	49869.	. \$	639		44
93	3	В	80	\$	36270.	\$	83258	\$	593		45
96	3	В	90	\$	34774.	\$	90855.	\$	443		46
35	2	55.00	6B	\$	27395.	\$	60298.	\$	431		47
90		В	7B	\$	30848.	\$	110593.	\$	5:		48

RANK ORDER: BENEFIT MINUS COST

RANK ORDER: BENEFIT MINUS COST (Cont'd) COMMERCIAL TOTAL

SER	SALT	TI	BENEFI	rs	COST	BENEFIT M	IINUS	COST	RO
41	2 В	7BS 9	3686	7. \$	109193	\$		455.	49
42			3686		157007			455.	50
43			3686		79015			455.	51
44			3686		146796			455.	52
54			7712		112220			1220.	53
60			7687		117551			1455.	54
63	3 B	4B 9	7665	0. \$	120696	. \$	_	1662.	55
12	1 B	3B 9	3707	3. \$	79668			4802.	56
48	2 B	9B 9	3603	6. \$	58695	\$	-5	5754.	57
51	2 B1	OB 9	3529	7. \$	65662	. \$		5427.	58
13	1 B	30 9	1869	6. \$	76797	. \$	-1:	1642.	59
14		2000000	3918		78293	. \$		2742.	60
49	-		1757	4. \$	74817			2763.	61
23			5	O. \$	127483		_	4001.	62
27			5	O. \$	127343		-	4001.	63
52	2 B1		1607		82415			4259.	64
46			1215		102214			3185.	65
2			3865		112181			5782.	66
16			3847		112220			5939.	67
22			3822		94211			7174.	68
26 89		-	₿ 3800 ₿ 5143		97356			7381.	69
94			5143 5142		125766			3054.	70
91			5137		135219 127456			3065. 3 11 5.	71 72
11			2587		125035	\$		3410. 3620.	73
45			2556		125766	\$		3927.	74
50	2 B1		2555		130003			3939.	75
47			2550		122240	\$		3988.	76
56			4762	(T)(S)	156889			5534.	77
58	3 B	2B 9	4750		157043			5654.	78
61	3 B	30 9	4726	4. ≇	157762.	\$	-85	5893.	79
64	3 B	40 9	4690	5. \$	160639.	\$	-86	5252.	80
4	1 B	1D 9	2393	1. \$	156729.	\$	-109	2226.	81
18			2369	2. \$	156889.	\$	-109	9465.	82
20		The state of the s	2357		148664		70 70 70	9585.	83
24			2333		149322	\$		9824.	84
28			2297		152199.		-110		85
55			1364		256103.		1000		86
3			685		256100.			5457.	87
17		- 10	678		256103.			5525.	88
53			5259		608288			7425.	89
57 59			5259 5259		609130			7426.	90
62			5259		610070. 618563.	\$	-	7426. 7426.	91 92
1			2629		608288	\$		7426. 3 7 23.	93
15			2629		608288	\$	- To Table 1	3723.	94
19			2629		609130			3725.	95
21			2629		604854	\$	-560		96
		4A 9			613347	\$	-563		97
				-			000		,,

					FISHI	NG	TOTAL	 	•	
SER	SAL	. 1	11	BE	NEFITS		COST	COST	RATIO	RO
69	3 1	3	5DS	\$	73071.	\$	91470.		8410	1
70	3 1	3	SDD	\$	73071.	\$	139279.	7.	8410	2
81	3 1	3	6DS	\$	67339.	\$	131528.	7.	2596	3
82	3 1	3	6DD	\$	67339.	\$	179343.	7.	2596	4
97	3 1	31	OAS	\$	76309.	\$	54112.	6.	7426	5
65	3 1	3	5A	\$	46747.	\$	84740.	5.	4256	6
77	3 1			\$	46747.	\$	170955.	5.	4256	7
33	2 1			\$	36620.	\$	28236.	4.	5857	8
	3 1			\$	60699.	\$	86545.		5425	9
78	3 1			\$	58539.	\$	94477.	4.	4289	10
29	2 1			\$	34918.	\$	28376.		3726	11
31	2 1			\$	34918.	\$	28539.		3726	12
			5FS	\$	76578.	\$	99371.		3394	13
14			5FD	\$	76578.	\$	147180.		3394	14
75			568	\$	76578.	\$	99371.		3394	15
76			56D	\$	76578.	\$	147180		3394	16
/1			5ES	\$	75175.	\$	99746.		2641	17
72			SED	\$	75175.	\$	147555.		2641	18
85			6FS	\$	70230.	\$	100096.		9986	19
86			6FD	\$	70230.		147911.		9986	20
-87			6GS	\$	70230.		100096.		9986	21
88			4GD	\$	70230.	\$	147911.	-	9986	22
			6ES	\$	69315.		105235.		9494	23
84			6ED 2CS	\$	69315.	\$	153050. 51394.		9494	24
8			200 200	\$	38916. 38916.		120784		4335 4335	25 26
9			205 208	\$	36904.		77926.		4306	27
10	-		200 200	\$	36904.	\$	128782.		4306	28
32	2 1			\$	33933.		30879.		3455	29
			ZAS	\$	33443.	\$	55566.		2981	30
40			7AD	\$	33443.	\$	123371		2981	31
6	1 1			\$	26984	\$	80327.		1394	32
	2 1			\$	23899.	\$	62998.		9927	33
34	2 1			\$	22789.	\$	73472.		8537	34
36	2 1	В	60	\$	22789.	\$	70671		8537	35
3/	2 1	В	6D	\$	28255.	\$	69197.		8123	36
5	1 1	3	2A	\$	33882.	\$	62814.	2.	3834	37
30	2 1	3	5B	\$	30084.	\$	49869.	2.	2416	38
35	2 1	В	68	\$	27395.	\$	60298.	2.	1257	39
61	3 1	В	508	\$	77927.	\$	117034.	2.	0939	40
68			5CD	\$	77927.	\$	164849.	2.	0939	41
			608	\$	77433.	\$	119096.	2.	0903	42
80			6CD	\$	77433.	\$	166911.	2.	0903	43
	3 1			\$	73108.	\$	82035.		9940	44
	3 1		9B	\$	72369.	\$	89002.	-	9888	45
	2 1		7BS	\$	36867.	\$	109193.		1424	46
42	2 1	3	7BD	\$	36867.	\$	157007.	1.	1424	47

RANK ORDER: BENEFIT COST RATIO

				rionii	10	OIAL				
SER	SALT	TTI	В	ENEFITS		COST	BENEFIT	COST	RATIO	RO
43	2 B	708	\$	36867.	\$	79015.		1. 1	424	48
44	2 B	7CD	\$	36867	\$	146796.		1. 1		49
54	3 B	1B	\$	77129.	\$	112220.		1. 1		50
60	3 B	ЗВ	\$	76874.	\$	117551.		1. 1		51
63	3 B	4B	\$	76650.	\$	120696.		1. 1	149	52
12	1 B	3B	\$	37073.	\$	79668.		1. 00	003	53
48	2 B	9B	\$	36036.	\$	58695.		0. 9	937	54
51	2 B1		\$	35297.	\$	65662.		0. 98	385	55
14		4A	\$	39184.	\$	78293.		0. 7		56
2		1 B	\$	38650.	\$	112181.		0. 55		57
16		1 13	\$	38479.	\$	112220.		0. 5		58
22		3B	\$	38224.	\$	94211.		0. 55		59
26		4B	\$	38000.	\$	97356.		0. 55		60
1		1A	\$	26298.	\$	608288.		0. 00		61
3	75	10	\$	6857.	\$	256100.		0. 00		62
4	1 B	1 D	\$	23931.	\$	156729.		Q. Q0		63
11		ЗА	\$	25873.	\$	125035.		0. 00		64
13		3C	\$	18696.	\$	76797.		0.00		65
15	2 B	14	\$	26298.	\$	608288.		0. 00		66
17		10	\$	6788.	\$	256103.		0. 00		67
18		10	\$	23692.	\$	156889.		0. 00		68
19	2 B	2A	\$	26297.	\$	609130.		0. 00		69
20		2B	\$	23572.	\$	148664.		0. 00		70
21		3A	\$	26296.	\$	604854.		0. 00		71
23		30	\$	0.	\$	127483.		0. 00		72
24 25		3D 4A	\$	23333.	\$	149322. 613347.		0.00		73
27		40	\$	26296. 0.	\$	127343.		0. 00		74 75
28		4D	\$	22974.	\$	152199.		0. 00		
45		8A	\$	25566	\$	125766.		0. 00		76
46		88	\$	12152.	\$	102214.		0. 00		78
47		2A	\$	25505.	\$	122240.		0. 00		79
49		90	\$	17574.	\$	74817		0. 00		80
50		OA	\$	25554.	\$	130003.		0. 00		81
52		OC.	\$	16078.	\$	82415.		0. 00		82
53		1A	\$	52597.	\$	608288.		0. 00	-111111	83
55		10	\$	13645	\$	256103.		0. 00		84
56		1 D	\$	47623.	\$	156889.		0. 00		85
57	3 B	2A	\$	52595.	\$	609130.		0. 00	000	86
58	3 B	2B	\$	47503.	\$	157043.		0. 00	000	87
59	3 B	ЗА	\$	52595.	\$	610070.		0.00	000	88
61	3 B	30	\$	47264.	\$	157762.		0. 00	000	89
62	3 B	4A	\$	52595.	\$	618563.		0.00	000	90
64	3 B	40	\$	46905.	\$	160639.		0. 00	000	91
89	3 B	7A	\$	51439.	\$	125766.		0. 00	000	92
90	3 B	7B	\$	30848.	\$	110593.		0. 00	000	93
91		SA	\$	51378.	\$	127456.		0.00		94
		80	\$	36270.	\$	83258.		0. 00		95
94		94	\$	51427.	\$	135219.		0. 00		96
96	3 B	90	\$	34774.	\$	90855.		0. 00	000	97

	FISHI	VG	TOTAL		
SER SALTTI	BENEFITS		COST	BENEFIT MINUS CO	ST RO
97 3 B10AS	\$ 76309.	\$	54112.	\$ 21538	1
69 3 B 5DS	\$ 73071.	\$	91470.	\$ 21175	2
70 3 B 5DD	\$ 73071.	\$	139279.	\$ 21175	3
73 3 B 5FS	\$ 76578.	\$	99371.	\$ 19525.	4
74 3 B 5FD	\$ 76578.	\$	147180.	\$ 19525.	5
75 3 B 568	\$ 76578.	\$	99371.	\$ 19525.	6
76 3 B 5GD	\$ 76578.	\$	147180.	\$ 19525.	7
81 3 B 6DS	\$ 67339.	\$	131528.	\$ 19375.	8
82 3 B 6DD	\$ 67339.	\$	179343.	\$ 19375.	9
71 3 B 5ES	\$ 75175.	\$	99746.	\$ 19084.	10
72 3 B 5ED	\$ 75175.	\$	147555.	\$ 1 9084.	11
66 3 B 5B	\$ 60699.	\$	86545.	\$ 18601.	12
78 3 B 6B	\$ 58539.	\$	94477.	\$ 18005.	13
85 3 B 6FS	\$ 70230.	\$	100096.	\$ 17532.	1 4
86 3 B 6FD	\$ 70230.	\$	147911.	\$ 17532.	15
87 3 B 668	\$ 70230.	\$	100096.	\$ 17532.	16
88 3 B 9GD	\$ 70230.	\$	147911.	\$ 17532.	17
83 3 B 6ES	\$ 69315.	\$	105235.	\$ 17244.	18
84 3 B 6ED	\$ 69315.	\$	153050.	\$ 17244.	19
. 67 3 B 50S	\$ 77927.	\$	117034.	\$ 13544.	20
- 68 3 B 5CD	\$ 77927.	\$	164849.	\$ 13544.	21
79 3 B 608	\$ 77433.	\$	119096.	\$ 13499 .	22
80 3 B 9CD	\$ 77433.	\$	166911.	\$ 13499.	23
65 3 B 5A	\$ 46747.	\$	84740.	\$ 13279.	24
77 3 B 6A	\$ 46747.	\$	170955.	\$ 13279.	25
92 3 B 8B	\$ 73108.	\$	82035.	\$ 12727.	26
95 3 B 9B	\$ 72369.	\$	89002.	\$ 12661.	27
33 2 B 5E	\$ 36620.	\$	28236.	\$ 9468.	28
7 1 B 2CS	\$ 38916.	\$	51394.	\$ 9127. \$ 9127.	29 30
8 1 B 2CD	\$ 38916.	\$	120784.		
29 2 B 5A 31 2 B 5C	\$ 34918. \$ 34918.	\$	28376.	\$ 8905. \$ 8905.	31 32
31 2 B 5C 9 1 B 2DS	\$ 34918. \$ 36904.	\$	28539. 77926.	\$ 8545.	33
10 1 B 200	\$ 36904. \$ 36904.	\$	128782.	\$ 8645.	34
32 2 B 5D	\$ 33933.	\$	30879.	\$ 7917.	35
32 2 B 3B	\$ 33443.	\$	55566.	\$ 7757.	36
40 2 B 7AD	\$ 33443.	\$	123371.	\$ 7757. \$ 7757.	37
5 1 B 2A	\$ 33882.	\$	62814	\$ 7264.	38
30 2 B 5B	\$ 30084.	\$	49869	\$ 6520.	39
6 1 B 2B	\$ 26984.	\$	80327.	\$ 6419.	40
37 2 B 6D	\$ 28255.	\$	69197.	\$ 6117.	41
35 2 B 6B	\$ 27395.	\$	60298.	\$ 5911.	42
38 2 B 6E	\$ 23899.	\$	62998.	\$ 5262.	43
34 2 B 6A	\$ 22789.	\$	73472.	\$ 4895.	44
36 2 B 60	\$ 22789.	\$	70671.	\$ 4895.	45
54 3 B 1B	\$ 77129.	\$	112220.	\$ 2697.	46
60 3 B 3B	\$ 76874.	\$	117551	\$ 2677.	47
63 3 B 4B	\$ 76650.	\$	120696.	\$ 2660.	48

RANK ORDER: BENEFIT MINUS COST

RANK ORDER: BENEFIT MINUS COST (Cont'd) FISHING TOTAL

SER	SALTTI	F	BENEFITS	COST	BENEFIT M	INUS COST	RO
41	2 B 7BS	\$	36867.	\$ 109193.	\$	1519.	49
42	2 B 7BD	\$	36867.	\$ 157007.	\$	1519.	50
43	2 B 70S	\$	36867.	\$ 79015.	\$	1519.	51
44	2 B 7CD	\$	36867.	\$ 146796.	\$	1519.	52
12	1 B 3B	\$	37073.	\$ 79668.	\$	4.	53
1	1 B 1A	\$	26298.	\$ 608288.	\$	O.	54
3	1 B 10	\$	6857.	\$ 256100.	\$	Ο.	55
4	1 B 1D	\$	23931.	\$ 156729.	\$	O.	56
11	1 B 3A	\$	25873.	\$ 125035.	\$	Ο.	57
13	1 B 30	\$	18696.	\$ 76797.	\$	Ο.	58
15	2 B 1A	\$	26298.	\$ 608288.	\$	Ο.	59
1 /	2 B 10	\$	6788.	\$ 256103.	\$	O.	60
18	2 B 1D	\$	23692.	\$ 156889.	\$	Ο.	61
19	2 B 2A	\$	26297.	\$ 609130.	\$	O.	62
20	2 B 2B	\$	23572.	\$ 148664	\$	0.	63
21	2 B 3A	\$	26296.	\$ 604854.	\$	Ο.	64
24	2 B 3D	\$	23333.	\$ 149322.	\$	Ο.	65
25	2 B 4A	\$	26296.	\$ 613347.	\$	O.	66
28	2 B 4D	\$	22974.	\$ 152199.	\$	О.	67
45	2 B 8A	\$	25566.	\$ 125766.	\$	0.	68
46	2 B 8B	\$	12152.	\$ 102214.	\$	Ο.	69
4/	2 B 9A	\$	25505.	\$ 122240.	\$	O.	70
49	2 B 9C	\$	17574.	\$ 74817.	\$	0.	71
50	2 B10A	\$	25554.	\$ 130003.	\$	0,	72
52	2 B100	\$	16078.	\$ 82415.	\$	0.	73
53	3 B 1A	\$	52597.	\$ 608288.	\$	0.	74
55	3 B 10	\$	13645.	\$ 256103.	\$	0.	75
56	3 B 1D	\$	47623.	\$ 156889.	\$	0.	76
57	3 B 2A 3 B 2B	\$	52595.	\$ 609130.	\$	0.	77
58 59	3 B 2B 3 B 3A	\$	47503. 52595.	\$ 157043. 610070.	\$	0. 0.	78 79
61	3 B 3C	\$	47264.	\$ 157762.	\$	0.	80
62	3 B 4A	\$	52595.	\$ 618563.	\$	0.	81
64	3 B 40	\$	46905.	\$ 160639.	\$	0.	82
89	3 B 7A	\$	51439.	\$ 125766.	\$	0.	83
90	3 B 7B	\$	30848.	\$ 110593.	\$	0.	84
91	3 B 8A	\$	51378	\$ 127456.	\$	0.	85
93	3 B 8C	\$	36270.	\$ 83258.	\$	0.	86
94	3 B 9A	\$	51427.	\$ 135219.	\$	0.	87
96	3 B 90	\$	34774	\$ 90855.	\$	0.	88
48	2 B 9B	\$	36036	\$ 58695	\$	-81	89
51	2 B10B	\$	35297.	\$ 65662.	\$	-147.	90
14	1 B 4A	\$	39184	\$ 78293.	\$	-4196.	91
23	2 B 3C	\$	0.	\$ 127483.	\$	-6174.	92
27	2 B 4C	\$	0.	\$ 127343.	\$	-6174.	93
2	1 B 1B	\$	38650.	\$ 112181	\$	-10220.	94
16	2 B 1B	\$	38479.	\$ 112220.	4	-10234.	95
22	2 B 3B	\$	38224.	\$ 94211.	\$	-10254.	96
26	2 B 4B	\$	38000.	\$ 97356.	\$	-10271.	97

					RANK	ORDE	ER:	BENEF	IT cost	RA	110	
									TIC WITH			
SER	SAL	T	TI	BE	NEFITS		C	0 S T	BENEFIT		RATIO	RO
97			OAS	\$	76309.	\$		54112			5967	1
33	2 1	3	SE	\$	36620.	\$		28236.			5430	2
29			SIA	\$	34918.	\$		28376.			4588	° 3
31	2 1	3	50	\$	34918.	\$		28539.		1.	4497	4
32	2 1	3	5D	\$	33933.	\$		30879.		1.	3549	5
92	3 1	3	88	\$	73108.	\$		82035.		1.	0243	6
66	3 1	3	5B	\$	60699.	\$		86545.		1.	0082	7
95	3 1	3	9B	\$	72369.	\$		89002.		0.	9379	8
69	3 1	3	SDS	\$	73071.	\$		91470.		0.	9153	9
78	3 1	3	68	\$	58539.	\$		94477.		O.	9135	10
30	2 1	3	5B	\$	30084.	\$		49869.		0.	9035	11
73	3 1	3	SES	\$	76578.	\$		99371.		O.	8593	12
75	3 1	3	568	\$	76578.	- \$		99371.		Ο.	8593	13
7	1 1	3	208	\$	38916.	\$		51394.		O.	8468	14
71	3 1	3	SES.	\$	75175.	\$		99746.		Ο.	8438	15
65	3 1	3	54	\$	46747.	\$		84740.		O.	8429	16
85	3 1	3	6FS	\$	70230.	\$	1	100096.		O.	8124	17
87	3 1	3	668	\$	70230.	\$	1	100096.		Ο.	8124	18
83	3 1	3	6ES	\$	69315.	\$. 1	05235.		O.	7711	19
54	3 1	3	1B	\$	77129.	\$		12220.		O.	7381	20
5	1 1	3	2A	\$	33882.	\$		62814.		O.	7280	21
67	3 1	3	50S	\$	77927.	\$	1	17034.		, O.	7251	22
35	2 1		75.077	\$	27395.	\$		60298.			7150	23
	2 1			\$	36036.	\$		58695.		-	7117	24
79			60S	\$	77433.	\$	1	19096.		1000	7102	25
60	3 1		3B	\$	76874.	\$	1	17551.			7050	26
39	-		7AS	\$	33443.	\$		55566.			7000	27
	3 1			\$	76650.	\$		20696.			6877	28
			6DS	\$	67 339.	\$		31528.			6347	29
	2 1			\$	35297.	\$		65662.			6279	30
	3 1			\$	36270.	\$		83258.			6055	31
	-		SDD	\$	73071.	\$	1	39279.			5944	32
37			6D	\$	28255.	\$		69197.			5924	33
74			SFD	\$	76578.	\$		47180.			5769	34
76			SGD	\$	76578.	\$	-	47180.			5769	35
	110		SED	\$	75175.	\$		47555.			5674	36
88		-	6FD	\$	70230.	\$		47911.			5440	37
14			6GD 4A	\$	70230.	\$	1	47911.			5440	38
12		-	3B	\$	39184. 37073.	\$		78293. 79668.			5349 5273	39 40
9	- 70		2DS	\$	36904	\$		77926.			5269	41
			6ED	\$	69315.	\$		17926.			5235	42
		20	9C	\$	34774.	\$,	90855			5185	43
	-		SCD	\$	77927.	\$		64849.			5155	44
80			60D	\$	77433.	\$		66911			5076	45
			70S	\$	36867.	\$,	79015			5065	46
6	-	-	2B	\$	26984.	\$		80327.			5040	47
	3 1		717 117 m m	\$	67339.	\$	1	79343.			4541	48
	٠.			-	J/JJ/.	-		. , , , , , , , , , , , , , , , , , , ,		٠.	1-71	70

RANK ORDER: BENEFIT COST RATIO (Cont'd) ATLANTIC WITH SAR DENEFIT COST RENEFIT COST

SER	SALTTI	BENEFITS	COST	BENEFIT	COST	RATIO	RO
77	3 B 6A	\$ 46747.	\$ 170955.		0.	4518	49
22	2 B 3B	\$ 38224.	\$ 94211.		O	4362	50
89	3 B 7A	\$ 51439.	\$ 125766.		0.	4359	51
91	3 B 8A	\$ 51378.	\$ 127456.		O.	4311	52
26	2 B 4B	\$ 38000.	\$ 97356.			4228	53
	2 B 6E	\$ 23899.	\$ 62998.			4151	54
94	3 B 9A	\$ 51427.	\$ 135219.			4061	55
2	1 B 1B	\$ 38650.	\$ 112181.			3692	56
16	2 B 1B	\$ 38479.	\$ 112220.			3689	57
41	2 B 7BS	\$ 36867.	\$ 109193.			3668	58
8	1 B 20D	\$ 38916.	\$ 120784			3553	59
13	1 B 3C	\$ 18696.	\$ 76797.			3524	60
90	3 B 7B	\$ 30848.	\$ 110593.			3450	61
49	2 B 90 2 B 60	\$ 17574. \$ 22789	\$ 74817.			3337	62
36		\$ 22789. \$ 22789.	\$ 70671.			3329	63
34		\$ 36904.	\$ 73472. 128782.			3208 3 16 0	64
10 56	1 B 2DD 3 B 1D	\$ 47623.	\$ 156889			3160 3153	65 66
	3 B 2B	\$ 47503.	157043.			3143	67
61	3 B 3C	\$ 47264.	\$ 157762.			3123	68
40		\$ 33443.	\$ 123371.			3097	69
64	3 B 4C	\$ 46905.	\$ 160639.			3043	70
44	2 B 7CD	\$ 36867.	\$ 146796.			2729	71
	2 8100	\$ 16078.	\$ 82415.			2688	72
42	2 B 7BD	\$ 36867.	\$ 157007.			2552	73
47	2 B 9A	\$ 25505.	\$ 122240.		0. :	2244	74
11	1 B 3A	\$ 25873.	\$ 125035.		0. 3	2195	75
45	2 B 8A	\$ 25566.	\$ 125766.		0.	2179	76
50	2 B10A	\$ 25554.	\$ 130003.			2109	77
20	2 B 2B	\$ 23572.	\$ 148664.			1644	78
24	2 B 3D	\$ 23333.	\$ 149322.			1626	79
4	1 B 1D	\$ 23931.	\$ 156729.			1586	80
28	2 B 4D	\$ 22974.	\$ 152199.			1570	81
18	2 B 10	\$ 23692.	\$ 156889.			1568	82
46	2 B 8B	\$ 12152.	\$ 102214.			1478	83
53 57	3 B 1A	\$ 52597.\$ 52595.	\$ 608288.			0867	84
59	3 B 3A	\$ 52595.	\$ 609130. 610070.			0866 0864	85 86
62	3 B 4A	\$ 52595.	\$ 618563.			0853	87
55	3 B 1C	\$ 13645.	\$ 256103.)538	88
21	2 B 3A	\$ 26296.	\$ 604854.			0436	89
1	1 B 1A	\$ 26298.	\$ 608288.			0433	90
15	2 B 1A	\$ 26298.	\$ 608288.			0433	91 .
19	2 B 2A	\$ 26297.	\$ 609130.			0433	92
25	2 B 4A	\$ 26296.	\$ 613347.			0430	93
3	1 B 1C	\$ 6857.	\$ 256100.			270	94
17	2 B 1C	\$ 6788.	\$ 256103.		0. 0	0268	95
23	2 B 3C	\$ 0.	\$ 127483.		0. 0	0000	96
27	2 B 4C	\$ 0.	\$ 127343.		0. 0	0000	97

		ATLAN	TIC WITH S	AR	
SER SALTTI	BENEFITS	COST	BENEFIT M	IINUS COS	F RO
97 3 B10AS	\$ 76309.	\$ 54112	\$	17384.	1
33 2 B 5E	\$ 36620.	\$ 28236.	. \$	7789.	2
29 2 B 5A	\$ 34918.	\$ 28376.	\$	6637.	3
31 2 B 50	\$ 34918.	\$ 28539.	\$	6546.	4
32 2 B 5D	\$ 33933.	\$ 30879.	\$	5551.	5
92 3 B 8B	\$ 73108.	\$ 82035.	\$	1107.	6
66 3 B 5B	\$ 60699.	\$ 86545.	\$	333.	7
30 2 B 5B	\$ 30084.	\$ 49869.	\$	-2141.	8
95 3 B 9B ·	\$ 72369.	\$ 89002.	\$	-3067.	9
78 3 B 6B	\$ 58539.	\$ 94477.	\$	-3 <i>1</i> 83.	10
69 3 B 5DS	\$ 73071.	\$ 91470.	\$	-4169.	11
7 1 B 2CS	\$ 38916.	\$ 51394.	\$	-4267.	12
65 3 B 5A	\$ 46747.	\$ 84740.	\$	-6301.	13
35 2 B 6B	\$ 27395.	\$ 60298.	\$	-7499.	14
/3 3 B 5FS	\$ 76578.	\$ 99371.	\$	-7637.	15
75 3 B 568	\$ 76578.	\$ 99371.	\$	-7637.	16
5 1 B 2A	\$ 33882.	\$ 62814.	\$	-8312.	17
71 3 B 5ES	\$ 75175.	\$ 99746.	\$	-8511.	18
39 2 B 7AS	\$ 33443.	\$, 55566.	\$	-8966.	19
48 2 B 9B	\$ 36036.	\$ 58695.	\$	-9366.	20
85 3 B 6FS	\$ 70230.	\$ 100096.	\$	-10098.	21
87 3 B 6GS	\$ 70230.	\$ 100096.	\$	-10098.	22
37 2 B 6D	\$ 28255.	\$ 69197.	\$	-12717.	23
83 3 B 6ES	\$ 69315.	\$ 105235.	\$	-12861.	24
51 2 B10B	\$ 35297.	\$ 65662	\$	-13539.	25
93 3 B 80	\$ 36270.	\$ 83258.	\$	-15301.	26
54 3 B 1B	\$ 77129.	\$ 112220.	\$	-16829.	27
67 3 B 50S	\$ 77927.	\$ 117034.	\$	-17959.	28
6 1 B 2B	\$ 26984.	\$ 80327.	\$	-18681.	29
79 3 B 608	\$ 77433,	\$ 119096.	\$	-19290.	30
60 3 B 3B	\$ 76874.	\$ 117551.	\$	-19833.	31
9 1 B 2DS	\$ 36904.	\$ 77926.	\$	-20030.	32
38 2 B 6E	\$ 23899.	\$ 62998.	\$	-20356.	33
14 1 B 4A	\$ 39184.	\$ 78293.	\$	-20645.	34
96 3 B 9C	\$ 34774.	\$ 90855.	\$	-20905.	35
12 1 B 3B	\$ 37073.	\$ 79668.	\$	-21010.	36
63 3 B 4B	\$ 76650.	\$ 120696.	\$	-21506.	37
43 2 B 708	\$ 36867.	\$ 79015.	\$	-21707.	38
13 1 B 3C	\$ 18696.	\$ 76797.	\$	-22248.	39
49 2 B 90	\$ 17574.	\$ 74817.	\$	-22716.	40
81 3 B 6DS	\$ 67339.	\$ 131528.	\$	-24416.	41
36 2 B 60	\$ 22789.	\$ 70671.	\$	-27606.	42
52 2 B10C	\$ 16078.	\$ 82415.	\$	-28320.	43
34 2 B 6A	\$ 22789.	\$ 73472.	\$	-29162.	44
22 2 B 3B	\$ 38224.	\$ 94211.	\$	-30588.	45
70 3 B 5DD	\$ 73071.	\$ 139279.	\$	-30729.	46
26 2 B 4B	\$ 38000.	\$ 97356.	\$	-32261.	47
74 3 B 5FD	\$ 76578.	\$ 147180.	\$	-34198	48
76 3 B 5GD	\$ 76578.	\$ 147180.	\$	-34198.	49

RANK ORDER: BENEFIT MINUS COST

RANK ORDER: BENEFIT MINUS COST (Cont'd) ATLANTIC WITH SAR SER SALTTI BENEFITS COST BENEFIT MINUS COST RO

SER	SA	L	TTI	1	BENEFITS	COST	BENEFIT	MINUS	COST	RO
72	3	В	SED	\$	75175.	\$ 147555.	\$	-350	72.	50
86	3	B	6FD	\$	70230.	\$ 147911.	\$	-3666	62.	51
88	3	В	6GD	\$	70230.	\$ 147911.	\$	-3666	52.	52
90	3	В	7B	\$	30848.	\$ 110593.	\$	-3790	09.	53
41	2	В	7BS	\$	36867.	\$ 109193.	\$	-384)	73.	54
84	3	В	6ED	\$	69315.	\$ 153050.	\$	-3940	25.	55
89	3	В	7A	\$	51439.	\$ 125766	\$	-4035	50.	56
2	1	В	1 B	\$	38650.	\$ 112181.	\$	-4050	31.	57
16	2	В	1B	\$	38479.	\$ 112220.	\$	-4055	51.	58
77	3	В	6A	\$	46747.	\$ 170955.	\$	-4100		59
91	3	В	8A	\$	51378.	\$ 127456.	\$	-4114		60
8	1	Ŀ	2CD	\$	38916.	\$ 120784.	\$	-428:		61
68	3	B	SCD	\$	77927.	\$ 164849.	\$	-4450		62
46	2	В	SB	\$	12152.	\$ 102214.	\$	-4535		63
94	-	В	94	\$	51427.	\$ 135219.	\$	-4559		64
80	3		6CD	\$	77433.	\$ 166911.	\$	-4585		65
40		B	ZAD	\$	33443.	\$ 123371.	\$	-466		66
10	1	E	2DD	\$	36904.	\$ 128782.	\$	-4828		67
82		В	GDD	\$	67339.	\$ 179343.	\$	-5098		68
47		B	9A	\$	25505.	\$ 122240.	\$	-5384		69
11	1	B	ЗА	\$	25873.	\$ 125035.	\$	-5546		70
45	2	B		\$	25566.	\$ 125766.	\$	-5594		71
50	-	-	10A	\$	25554.	\$ 130003.	\$	-5829		72
44	2	B	70D	\$	36867. 47623.	\$ 146796. 156889.	\$	-593 <i>6</i> -6203		73 74
56 58	3	В	ZB	\$	47523. 47503.	\$ 157043.	\$	-620		75
61	3	-	30	\$	47303. 47264.	\$ 157762.	\$	-624		76
64		В	40	\$	46905.	\$ 160639.	\$	-6430		77
42	2	В	7BD	\$	36867.	\$ 157007.	\$	-6500		78
27	2	В	40	\$	0.	\$ 127343.	\$	-7093		79
23		В	30	\$	o.	\$ 127483.	\$	-710		80
20	2	B	2B	\$	23572.	\$ 148664	\$	-718		81
24		B	30	\$	23333.	\$ 149322.	\$	-720		82
28		B	40	\$	22974.	\$ 152199.	\$	-7397	70.	83
4	1	В	10	\$	23931.	\$ 156729.	\$	-7615	58.	84
18	2	E	1 D	\$	23692.	\$ 156889.	\$	-7638	33.	85
55	3	B	10	\$	13645.	\$ 256103.	\$	-14240	01.	86
3	1	В	10	\$	6857.	\$ 256100.	\$	-14642	27.	87
1/	2	B	10	\$	6788.	\$ 256103.	\$	-14646	59.	88
53	3	B	1A	\$	52597.	\$ 608288.	\$	-32878	BO.	89
5/	3	В	2A	\$	52595.	\$ 609130.	\$	-32924	48.	90
59	-	В	3A	\$	52595.	\$ 610070.	\$	-3297		91
62		B	44	\$	52595.	\$ 618563.	\$	-33448		92
21		E	3A	\$	26296.	\$ 604854.	\$	-34247		93
1	1	В	1 A	\$	26298.	\$ 608288.	\$	-34438		94
15	2	В	1A	\$	26298.	\$ 608288.	\$	-34438		95
19	2	В	2A	\$	26297.	\$ 609130.	\$	-34485		96
25	2	В	4A	\$	26296.	\$ 613347.	\$	-34719	93.	97

				RANK	ORDE	ER:	BENEF	IT COST	RA	r10	
							PACIF	IC WITH	SAR		
SER S			BE	NEFITS		C	0 S T	BENEFIT	COST	RATIO	RO
7 (7)	-	LOAS	\$	76309.	\$		54112.		1.	1927	1
33 2		5E	\$	36620.	\$		28236.		1.	0428	2
29 2		5A	\$	34918.	\$		28376.			9932	3
31 2		50	\$	34918.	\$		28539.		O.	9880	4
32 2		5D	\$	33933.	\$		30879.			8362	5
92 3		88	\$	73108.	\$		82035.			7257	6
73 3		5FS	\$	76578.	\$		99371.			6640	7
75/3		568	\$	76578.	\$		99371.			6640	8
69 3		SDS	\$	73071.	\$		91470.			6633	9
95 3		9B	\$	72369.	\$		89002.			6579	10
7 1		20S	\$	38916.	\$		51394.			6511	11
71 3		5ES	\$	75175.	\$		99746.			6450	12
54 3		1 B	\$	77129.	\$		12220.			6193	13
67 3		508	\$	77927.	\$		17034.			5909	14
60 3		38	\$	76874.	\$		17551.			5858	15
79 3		60S	\$	77433.	\$		19096.			5742	16
85 3		6FS	\$	70230.	\$		100096.			5727	17
87 3		668	\$	70230.	\$		100096.			5727	18
63 3		4B	\$	76650.	\$		20696.			5652	19
83 3		6ES	\$	69315.	\$	1	05235.			5300	20
48 2	_	9B	\$	36036.	\$		58695.			4927	21
39 2	-	7AS	\$	33443.	\$		55566.			4877	22
14 1		44	\$	39184.	\$		78293.			4554	23
74 3		SED	\$	76578.	\$		47180.			4513	24
76 3		5GD	\$	76578.	\$		47180.			4513	25
70 3		50D	\$	73071.	\$		39279.			4414	26
72 3		SED SEC	\$	75175.	\$	1	47555.			4389	27
66 3 51 2		5B .0B	\$	60699.	\$		86545.			4296	28
68 3	-	SCD	\$	35297. 77927.	\$		65662.			4252	29
43 2	100	70S	\$		\$	1	64849.			4188	30
9 1		2DS	\$	36867. 36904.	\$		79015.			4164	31
80 3		400 600	\$	77433.	\$		77926. 66911.			4102 4088	32 33
86 3		6FD	\$	70230.	\$		47911.		-	3924	34
88 3		6GD	\$	70230.	\$		47911.			3924	35
12 1	В	3B	\$	37073.	\$,	79668.		1,500	3871	36
81 3		6DS	\$	67339	•	1	31528.			3852	37
89 3	-	7A	\$	51439	\$		25766			3735	38
84 3	В		\$	69315.	\$	-	53050.			3698	39
78 3	В		\$	58539.	\$	•	94477.			3667	40
91 3	-		\$	51378	\$	1	27456.			3664	41
22 2	-	38	\$	38224	\$		94211.			3643	42
30 2			\$	30084.	\$		49869.			3625	43
5 1		2A	\$	33882	\$		62814.			3608	44
26 2	B	48	\$	38000.	\$		97356.			3465	45
94 3	В	90	\$	51427.	\$	1	35219.			3464	46
38 2	B	6E	\$	23899.	\$		62998.			3353	47
2 1		18	\$	38650.	\$	1	12181			3115	48
	_	0.00	-						**		

RANK ORDER: BENEFIT COST RATIO (Cont'd) PACIFIC WITH SAR RENEFITS COST BENEFIT COST

SER	SALTTI	BENEFITS	COST	BENEFIT	COST RATIO	RO
16	2 B 1B	\$ 38479.	\$ 112220.		0. 3080	49
36	2 B 60	\$ 22789.	\$ 70671.		0. 3078	50
41	2 B 7BS	\$ 36867.	\$ 109193.		0. 3011	51
34	2 B 6A	\$ 22789.	\$ 73472.		0. 2952	52
	3 B 9DD	\$ 67339.	\$ 179343.		0. 2900	53
	3 B 5A	\$ 46747	\$ 84740.		0. 2898	54
-	3 B 1D	\$ 47623.	\$ 156889.		0. 2875	55
	3 B 8C	\$ 36270.	\$ 83258.		0. 2875	56
	3 B 2B	\$ 47503.	\$ 157043.		0. 2863	57
	3 B 3C	\$ 47264.	\$ 157762.		0. 2823	58
	1 B 2CD	\$ 38916.	\$ 120784.		0. 2818	59
	3 B 40	\$ 46905.	\$ 160639.		0. 2753	60
	3 B 9C	\$ 34774	\$ 90855.		0. 2585	61
	2 B 6D	\$ 28255.	\$ 69197.		0. 2572	62
	2 B 6B	\$ 27395.	\$ 60298.		0. 2525	63
	1 B 200	\$ 36904.	\$ 128782.		0. 2509	64
	2 B 7AD	\$ 33443.	\$ 123371.		0. 2244	65
	2 B 7CD	\$ 36867.	\$ 146796.		0. 2239	66
	2 B 7BD	\$ 36867.	\$, 157007.		0. 2093	67
90		\$ 30848.	\$ 110593.		0. 2063	- 68
	1 B 3A	\$ 25873.	\$ 125035.		0. 1904	69
	2 B 9A 1 B 2B	\$ 25505.	\$ 122240.		0. 1879	70
	1 B 2B 2 B 8A	\$ 26984. 25566.	\$ 80327.		0. 1875	71
	2 B 6A 2 B10A	\$ 25554.	\$ 125766.		0. 1841	72 73
	1 B 30	\$ 18696.	\$ 130003. 76797.		0. 1777 0. 1553	74
	2 B 9C	\$ 17574	\$ 74817.		0. 1522	75
	2 B 2B	\$ 23572	\$ 148664.		0. 1505	76
17.00	2 B 3D	\$ 233333.	\$ 149322.		0. 1476	77
	1 B 1D	\$ 23931.	\$ 156729.		0. 1447	78
	2 B 1D	\$ 23692	\$ 156889.		0.1430	79
	2 B 4D	\$ 22974	\$ 152199.		0. 1427	80
	3 B 6A	\$ 46747	\$ 170955.		0.1345	81
	2 B10C	\$ 16078.	\$ 82415.		0. 1298	82
46	2 B 8B	\$ 12152.	\$ 102214.		0. 0875	83
53	3 B 1A	\$ 52597.	\$ 608288.		0. 0861	84
57	3 B 2A	\$ 52595.	\$ 609130.		0. 0860	85
59	3 B 3A	\$ 52595.	\$ 610070.		0. 0859	86
62	3 B 4A	\$ 52595.	\$ 618563.		0. 0846	87
55	3 B 1C	\$ 13645.	\$ 256103.		0. 0526	88
21	2 B 3A	\$ 26296.	\$ 604854.		0. 0433	89
	1 B 1A	\$ 26298.	\$ 608288.		0. 0431	90
	2 B 1A	\$ 26298.	\$ 608288.		0. 0431	91 .
	2 B 2A	\$ 26297.	\$ 609130.		0. 0430	92
	2 B 4A	\$ 26296.	\$ 613347.		0. 0427	93
	1 B 1C	\$ 6857	\$ 256100.		0. 0264	94
	2 B 1C	\$ 6788.	\$ 256103.		0. 0261	95
	2 B 3C	\$ O.	\$ 127483.		0. 0000	96
27	2 B 4C	\$ 0.	\$ 127343.		0. 0000	97

				17Files	CHALLE		PACIF		ITH		001		
SER	SAL	rrr	GE	NEFITS		C	OST	BENE			ue.	COST	RO
97		10AS	\$	76309.	\$		54112.	1.140	4		481		1
33	2 B		\$	36620.	\$		28236.		9		59		2
29	2 B	5A	\$	34918.	\$		28376.		4		-9		3
31	2 B	50	\$	34918.	\$		28539.		4		-16		- 4
32	2 B	SD	\$	33933.	\$		30879.		4		-249		5
7	1 B	2CS	\$	38916.	\$		51394.		9		-821		6
92	3 B	88	\$	73108.	\$		82035.		4		1003	3.	7
39	2 B	7AS	\$	33443.	\$		55566.		4	;	1315	7.	8
48	2 B	9B	\$	36036.	\$		58695.		4	-	1329	4.	9
95	3 B	9B	\$	72369.	\$		89002.		\$; -	1356	6.	10
69	3 B	5DS	\$	73071.	\$		91470.		4		1423	1.	11
73	3 B	SFS	\$	76578.	\$		99371.		4	; –	1515	6.	12
75	3 B	568	\$	76578.	\$		99371.		4	-	1515	16.	13
71		SES	\$	75175.	\$		99746.		4	; -	1606	O.	14
51		10B	\$	35297.	\$		65662.		4	-	1682	6.	15
30	2 B	58	\$	30084.	\$		49869.		4	-	1764	4.	16
54	3 B	1 B	\$	77129.	\$	1	12220.		4		1826		17
14	1 B	44	\$	39184.	\$		78293.		4		1846		18
. 38	2 B	6E	\$	23899.	\$	1	62998.		4		1874		19
85	3 B	6FS	\$	70230.	\$		00096.		4		1976		20
87	3 B	668	\$	70230.	\$	1	00096.		4		1976		21
36	2 B	6C	\$	22789.	\$		70671.		\$		2027		22
43	2 B	7CS	\$	36867.	\$		79015.		4		2044		23
5	1 B	2A	\$	33882.	\$		62814.		1		2061		24
60	3 B	ЗВ	\$	76874.	\$	1	17551.		4		2084		25
9	1 B	208	\$	36904.	\$		77926.		1		2099		26
67	3 B	50S	\$	77927.	\$	1	17034.		4		2114		27
34 12	2 B 1 B	6A 3B	\$	22789.	\$		73472.		4		2152		28
79	3 B	60S	\$	37073. 77433.	\$		79668. 19096.		4		2158 2237		29
63	3 B		\$	76650.	\$		20696.		4		4437 2253		30
83	3 B	70.000	\$	69315.	\$	_	05235		4		2200 2305		31 32
22	2 B	3B	\$	38224.	\$	1	94211.		4		2500 2539		33
35	2 B		\$	27395.	\$		60298.		9		2540		34
66	3 B	5B	\$	60699.	\$		86545.		4		2617		35
26	2 B	4B	\$	38000.	\$		97356		4		2709		36
37	2 B		\$	28255.	\$		69197.		4		2822		37
93	3 B	80	\$	36270.	\$		83258.		4		3168		38
65	3 B	5A	\$	46747	\$		84740.		4		3169		39
78	3 B	68	\$	58539.	\$		94477.		4		3215		40
2	1 B	1B	\$	38650.	\$	1	12181.		4		3300		41
16	2 B	18	\$	38479.	\$	1	12220.		4		3319	O.	42
41	2 B	7BS	\$	36867.	\$	1	09193.		\$	-	3385	3.	43
89	3 B	7A	\$	51439.	\$	1	25766.		4	, -	3397	7.	44
49	2 B	90	\$	17574	\$		74817.		4	-	3452	7.	45
6	1 B	2B	\$	26984.	\$		80327.		4		3466		46
91	3 B	SA	\$	51378.	\$	1	27456.		4		3492		47
96	3 B	90	\$	34774.	\$		90855.		4	-	3517	6.	48

RANK ORDER: BENEFIT MINUS COST

RANK ORDER: BENEFIT MINUS COST (Cont'd) PACIFIC WITH SAR

SER	SALTTI		BENEFITS		COST	BENEFIT	MINUS COST	RO
70	3 B 5DD	\$	73071.	\$	139279.	\$	-35480.	49
13	1 B 3C	\$	18696.	\$	76797.	\$	-35854.	50
74	3 B 5FD	\$	76578.	\$	147180.	\$	-36404.	51
76	3 B 56D	\$	76578.	\$	147180.	\$	-36404.	52
72	3 B SED	\$	75175.	\$	147555.	\$	-37309.	53
	2 B100	\$	16078.	\$	82415.	\$	-38017.	54
	3 B 9A	\$	51427.	\$	135219.	\$	-38198.	55
	1 B 2CD	\$	38916.	\$	120784.	\$	-39051.	56
81	3 B 9D8	\$	67339.	\$	131528.	\$	-39773.	57
	3 B 6FD	\$	70230.	\$	147911.	\$	-41019.	58
	3 B 6GD	\$	70230.	\$	147911.	\$	-41019.	59
	3 B 7B	\$	30848.	\$	110593.	\$	-41836.	60
68	3 B 5CD	\$	77927.	\$	164849.	\$	-42400.	61
47	2 B 9A	\$	25505.	\$	122240.	\$	-42888.	62
40	2 B 7AD	\$	33443.	\$	123371.	\$	-43293.	63
10	1 B 2DD	\$	36904.	\$	128782.	\$	-43595.	64
80	3 B 6CD	\$	77433.	\$	166911.	\$	-43624.	65
11	1 B 3A 2 B 8A	\$	25873.	\$	125035.	\$	-43695	66
84	2 B 8A 3 B 6ED	\$	25566. 69315.	\$ '	125766. 153050.	\$	-44254. -44311.	67 68
	2 B 8B	\$	12152.	\$	102214.	\$	-44703.	69
	2 B10A	\$	25554.	\$	130003.	\$	-46157.	70
	3 B 1D	\$	47623.	\$	156889.	\$	-47236.	71
	3 B 2B	\$	47503.	\$	157043.	\$	-47395.	72
	3 B 3C	\$	47264.	\$	157762.	\$	-48088.	73
	3 B 4C	\$	46905.	\$	160639.	\$	-49428.	74
	2 B 7CD	\$	36867.	\$	146796.	\$	-50566.	75
20	2 B 2B	\$	23572.	\$	148664.	\$	-53250.	76
24	2 B 3D	\$	23333.	\$	149322.	\$	-53915.	77
42	2 B 7BD	\$	36867.	\$	157007.	\$	-55104.	78
28	2 B 4D	\$	22974.	\$	152199.	\$	-55255.	79
	2 B 4C	\$	O.	\$	127343.	\$	-56406.	80
23	2 B 3C	\$	Ο.	\$	127483.	\$	-56468.	81
4	1 B 1D	\$	23931.	\$	156729.	\$	-56639.	82
18	2 B 1D	\$	23692.	\$	156889.	\$	-56815.	83
	3 B 6DD	\$	67339.	\$	179343.	\$	-61025.	84
77	3 B 6A	\$	46747.	\$	170955.	\$	-83170.	85
	3 B 10	\$	13645.	\$	256103.	\$	-100056.	86
3	1 B 1C	\$	6857.	\$	256100.	\$		87
17	2 B 1C	\$	6788.	\$	256103.	\$	-102845.	88
53	3 B 1A	\$	52597.	\$	608288.	\$		89
	3 B 2A	\$	52595.	\$	609130.		-227287.	90
59		\$	52595.	\$	610070.		-227705.	91.
	3 B 4A	\$	52595.	\$	618563.		-231480.	92
	2 B 3A 1 B 1A	\$	26296.	\$	604854.	\$ \$	-236083.	93 94
1 15	1 B 1A 2 B 1A	\$	26298. 26298.	\$	608288. 608288.	\$	-237607. -237607.	95
19	2 B 1A	\$	26298.	\$	608288.	\$	-237607. -23 79 83.	95
	2 B 4A	\$	26297.	\$	613347.		-237983. -239857.	97
.20	2 D 7H	*	20276.	*	013347.		237037.	7/

		 ATLAN	TIC WITHOUT SAR	
SER SALTTI	BENEFITS	COST	BENEFIT COST RATIO	Ro
33 2 B 5E	\$ 36620.	\$	2. 8977	1
29 2 B 5A	\$ 34918.	\$ 28376.	2. 7963	2
31 2 B 50	\$ 34918.	\$ 28539.	2, 7631	3
37 2 B 6D	\$ 28255.	\$ 69197.	2, 5117	4
38 2 B 6E	\$ 23899.	\$ 62998.	2. 4427	5
32 2 B 50	\$ 33933.	\$ 30879.	2, 3331	6
36 2 B 6C	\$ 22789.	\$ 70671.	2. 3292	7
97 3 B10AS	\$ 76309.	\$ 54112.	1, 9733	8
34 2 B 6A	\$ 22789.	\$ 73472.	1, 8440	9
30 2 B 5B	\$ 30084.	\$ 49869.	1, 8000	10
66 3 B 5B	\$ 60699.	\$ 86545.	1. 7002	11
77 3 B 6A	\$ 46747.	\$ 170955.	1, 6512	12
78 3 B 6B	\$ 58539.	\$ 94477.	1, 5786	13
35 2 B 6B	\$ 27395.	\$ 60298.	1, 5266	14
65 3 B 5A	\$ 46747.	\$ 84740.	1, 5229	15
92 3 B 8B	\$ 73108.	\$ 82035.	1. 1828	16
7 1 B 2CS	\$ 38916.	\$ 51394.	1. 1072	17
95 3 B 9B	\$ 72369.	\$ 89002.	1, 0840	18
69 3 B 5DS	\$ 73071.	\$ 91470.	1, 0530	19
81 3 B 6DS	\$ 67339.	\$ 131528.	1, 0335	20
63 3 R 8C	\$ 36270.	\$ 83258.	0. 9983	21
73 3 B 5FS	\$ 76578.	\$ 99371.	0, 9681	22
75 3 B 5GS	\$ 76578.	99371.	0. 9681	23
6 1 B 2B	\$ 26984.	\$ 80327.	0. 9611	24
71 3 B 5ES	\$ 75175.	99746.	0, 9566	25
5 1 B 2A	\$ 33882.	\$ 62814.	0, 9555	26
85 3 B 6FS	\$ 70230.	\$ 100096.	0. 9417	27
87 3 B 6GS	\$ 70230.	\$ 100096.	0. 9417	28
96 3 B 9C	\$ 34774.	90855.	0. 9054	29
83 3 B 6ES	\$ 69315.	\$ 105235.	0. 9024	30
90 3 B 7B	\$ 30848.	110593.	0. 8778	31
48 2 B 9B	\$ 36036.	\$ 58695.	0. 8759	32
39 2 B 7AS	\$ 33443.	\$ 55566.	0. 8682	33
54 3 B 1B	\$ 77129.	\$ 112220.	0.8119	34
67 3 B 5CS	\$ 77927.	\$ 117034.	0. 7979	35
	\$ 77433. \$ 76874.	\$ 119096.	0. 7804	36
60 3 B 3B 51 2 B10B	\$ 76874. \$ 35297.	117551.	0. 7723	37
63 3 B 4B	\$ 76650.	\$ 65662. 120696.	0. 7684 0. 7517	38 39
70 3 B 5DD	\$ 73071.	\$ 139279.	0. 6496	40
82 3 B 6DD	\$ 67339.	\$ 179343.	0. 6274	41
74 3 B 5FD	\$ 76578.	\$ 147180.	0. 6274	42
76 3 B 5GD	\$ 76578.	\$ 147180.	0. 6240	43
14 1 B 4A	\$ 39184.	78293.	0. 6184	44
72 3 B 5ED	\$ 75175.	\$ 147555.	0. 6162	45
12 1 B 3B	\$ 37073.	\$ 79668.	0. 6149	46
9 1 B 2DS	\$ 36904.	\$ 77926.	0. 6066	47
49 2 B 9C	\$ 17574.	\$ 74817.	0. 6042	48

RANK ORDER: BENEFIT COST

RATIO

RANK ORDER: BENEFIT COST RATIO(Cont'd) ATLANTIC WITHOUT SAR

88	SER SALTTI	BENEFITS		COST	BENEFIT COST RATIO	O RO
84 3 B 6ED \$ 69315 \$ 153050. 0 5809 51 43 2 B 708 \$ 36867. \$ 79015. 0 5799 52 80 3 B 6CD \$ 77927. \$ 164849. 0 5513 53 80 3 B 6CD \$ 77927. \$ 164849. 0 5513 53 80 3 B 6CD \$ 77933. \$ 166911. 0 5425 54 13 1 B 3C \$ 18696. \$ 76797. 0 5320 55 52 2 B100 \$ 16078. \$ 82415. 0 5159 56 22 2 B 3B \$ 38224. \$ 94211. 0 4891 57 89 3 B 7A \$ 51439. \$ 125766. 0 4724 59 91 3 B 8A \$ 51378. \$ 127456. 0 4698 60 94 3 B 9A \$ 51427. \$ 135219. 0 4001 61 46 2 B 8B \$ 12152 \$ 102214 0 4347 62 2 1 B 1B \$ 38650. \$ 112181. 0 4061 63 16 2 B 1B \$ 38479. \$ 112220. 0 4058 64 11 2 B 7BS \$ 36867. \$ 109193. 0 4037 65 8 1 B 2CD \$ 38916. \$ 120784. 0 3941 66 10 1 B 2DD \$ 36904. \$ 128782. 0 3430 67 56 3 B 1D \$ 47623. \$ 156889. 0 3401 68 8 1 B 2 B \$ 33443. \$ 123371. 0 3387 70 61 3 B 3C \$ 47264. \$ 157762. 0 3350 71 64 2 B 7BD \$ 386867. \$ 157043. 0 3350 71 64 3 B 4C \$ 46905. \$ 160639. 0 3268 72 44 2 B 7BD \$ 386867. \$ 157043. 0 3350 71 64 3 B 4C \$ 46905. \$ 157043. 0 3350 71 64 3 B 4C \$ 48905. \$ 157043. 0 3350 71 64 3 B 4C \$ 48905. \$ 150639. 0 3268 72 44 2 B 7BD \$ 386867. \$ 157007. 0 2726 74 47 2 B 9A \$ 25505. \$ 122240. 0 2455 75 11 1 B 3A \$ 25833. \$ 125505. 0 2395 76 50 2 B10A \$ 25505. \$ 122240. 0 2455 75 11 1 B 3B \$ 23692. \$ 156889. 0 1692. 83 8 1 B 1D \$ 36867. \$ 157007. 0 2726 74 47 2 B 8A \$ 25505. \$ 122240. 0 2455 75 11 1 B 3B \$ 23833. \$ 125035. 0 2395 76 50 2 B10A \$ 25554. \$ 130003. 0 2294 78 22 2 B 7BD \$ 23692. \$ 156889. 0 1692. 83 33 B 1A \$ 52595. \$ 609130. 0 0880 85 59 3 B 3A \$ 52595. \$ 618563. 0 0867 87 24 2 B 3B 4 \$ 52595. \$ 618563. 0 0867 87 25 2 B 3B 4 \$ 52595. \$ 618563. 0 0440 90 15 2 B 1A \$ 26298. \$ 608288. 0 0440 90 15 2 B 1A \$ 26298. \$ 608288. 0 0440 91 19 2 B 2A \$ 26296. \$ 613347. 0 0437 93 3 1 B 1C \$ 6857. \$ 256100. 0 0281 94 17 2 B 1C \$ 6857. \$ 256100. 0 0281 94 17 2 B 1C \$ 6857. \$ 256100. 0 0281 94 17 2 B 1C \$ 6857. \$ 256100. 0 0281 94 17 2 B 1C \$ 6857. \$ 256100. 0 0281			\$	147911.	0. 5990	49
43 2 B 7CS			\$	147911.	0. 5990	50
68 3 B SCD \$ 77927. \$ 164849. 0. 5513 53 80 3 B 6CD \$ 777433 \$ 166911. 0. 5425 54 13 1 B 3C \$ 18696. \$ 76797. 0. 5320 55 52 2 B10C \$ 16078. \$ 82415. 0. 5159 56 22 2 B 3B \$ 38224. \$ 94211. 0. 4891 57 89 3 B 7A \$ 51439. \$ 125766. 0. 4755 58 26 2 B 4B \$ 38000. \$ 97356. 0. 47724 59 91 3 B 8A \$ 51378. \$ 127456. 0. 4698 60 94 3 B 9A \$ 51427. \$ 135219. 0. 4403 61 46 2 B 8B \$ 12152 \$ 102214. 0. 4347 62 2 1 B 1B \$ 38650. \$ 112181. 0. 4061 63 16 2 B 1B \$ 38479. \$ 112220. 0. 4058 64 41 2 B 7BS \$ 36867. \$ 109193. 0. 4037 65 8 1 B 2CD \$ 38916. \$ 120784. 0. 3941 66 10 1 B 2DD \$ 36904. \$ 128782. 0. 3430 67 56 3 B 1D \$ 47623. \$ 156889. 0. 3391 68 40 2 B 7AD \$ 33443. \$ 123371. 0. 3387 70 40 2 B 7AD \$ 36867. \$ 160639. 0. 3250 71 44 2 B 7BS \$ 36867. \$ 17706. 0. 2726 74 47 2 B 9A \$ 25505. \$ 122240. 0. 2455 75 11 1 B 3A \$ 25505. \$ 122240. 0. 2455 75 11 1 B 1B \$ 36867. \$ 122505. 0. 2294 78 22 2 B 3D \$ 23333. \$ 149322. 0. 1791 80 45 2 B 3B \$ 25556. \$ 125766. 0. 2376 77 56 2 B10A \$ 25595. \$ 122240. 0. 2455 75 11 1 B 1 B \$ 36867. \$ 160639. 0. 2294 78 22 2 B 2B \$ 25572. \$ 148644. 0. 1792 83 24 2 B 7BD \$ 36867. \$ 157007. 0. 2726 74 24 2 B 3D \$ 25873. \$ 125035. 0. 2395 76 25 2 B10A \$ 25595. \$ 122240. 0. 2455 75 26 2 B10 \$ 23333. \$ 149322. 0. 1791 80 27 28 2 B 4 \$ 25575. \$ 122240. 0. 2294 78 28 2 B 4 \$ 25577. \$ 148644. 0. 1782 79 28 2 B 4 \$ 45298. \$ 160838. 0. 0881 84 25 25 25 \$ 160828. 0. 0881 84 25 25 25 \$ 160828. 0. 0881 84 26 29 B 4 \$ 25595. \$ 610070. 0. 0879 28 2 B 4 \$ 4 \$ 26298. \$ 608288. 0. 0440 90 28 2 B 4 \$ 4 \$ 26298. \$ 608288. 0. 0440 90 29 2 2 B 3 A \$ 26296. \$ 610300. 0. 0440 91 29 2 B 2A \$ 26298. \$ 608288. 0. 0440 91 29 2 B 2A \$ 26298. \$ 608288. 0. 0440 90 20 2 B 2B \$ 4 \$ 26298. \$ 608288. 0. 0440 91 20 2 B 3 A \$ 26299. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26298. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26298. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26298. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26298. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26299. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26299. \$ 608288. 0. 0440 90 215 2 B 1A \$ 26299. \$ 608288. 0. 0440 90			\$		0. 5809	51
80 3 B 6CD \$ 77433. \$ 166911. 0.5425 54 13 1 B 3C \$ 18696. \$ 76797. 0.5320 55 52 2 B BOC \$ 16078 \$ 82415. 0.5159 56 22 2 B 3B \$ 38224. \$ 94211. 0.4891 57 89 3 B 7A \$ 51439. \$ 125766. 0.4755 58 24 2 B 4B \$ 38000. \$ 97356. 0.4755 58 24 2 B 4B \$ 38000. \$ 97356. 0.4755 58 25 2 B 4B \$ 38000. \$ 97356. 0.4755 91 3 B 8A \$ 51378 \$ 127456. 0.4698 60 94 3 B 9A \$ 51427. \$ 135219. 0.4403 61 46 2 B 8B \$ 12152 \$ 102214. 0.4347 62 2 1 B 1B \$ 38450. \$ 112181. 0.4061 63 16 2 B 1B \$ 38479. \$ 112220. 0.4058 64 41 2 B 7BS \$ 36867. \$ 109193. 0.4037 65 8 1 B 2CD \$ 38916. \$ 120784. 0.3941 66 10 1 B 2DD \$ 36904. \$ 128782. 0.3400 67 56 3 B 1 B \$ 47623 \$ 155043. 0.3393 69 40 2 B 7AD \$ 33443. \$ 123371. 0.3387 70 61 3 B 3C \$ 47264. \$ 157762. 0.3350 71 64 3 B 4C \$ 46905 \$ 160639. 0.3268 72 44 2 B 7CD \$ 36867. \$ 157007. 0.2726 74 47 2 B 9A \$ 25505 \$ 122240. 0.2455 75 11 1 B 3A \$ 25873. \$ 125007. 0.2299 73 42 2 B 7BD \$ 36867. \$ 130003. 0.2299 73 42 2 B 7BD \$ 36867. \$ 157007. 0.2726 74 47 2 B 9A \$ 25505. \$ 122240. 0.2455 75 51 1 B 3 A \$ 25873. \$ 125035. 0.2395 76 45 2 B 8A \$ 25566. \$ 125766. 0.2376 77 50 2 B 10A \$ 25555. \$ 122240. 0.2455 75 51 1 B 1D \$ 23333. \$ 149322. 0.1751 80 4 1 B 1D \$ 23931 \$ 156729. 0.1751 80 4 1 B 1D \$ 23931 \$ 156729. 0.1693 82 53 3 B 1A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0880 85 59 3 B 3A \$ 52595. \$ 609130. 0.0440 90 15 2 B 1A \$ 26298. \$ 608288. 0.0440 90 15 2 B 1A \$ 26298. \$ 608288. 0.0440 90 15 2 B 1A \$ 26298. \$ 608288. 0.0440 90 15 2 B 1A \$ 26298. \$ 608288. 0.0440 90 15 2 B 1C \$ 6857. \$ 256103. 0.0278 95			\$		0. 5799	52
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23 2 B 3C \$ 0. \$ 127483. 0.0000 96						
			-			
27 2 B 4C \$ 0. \$ 127343. 0.0000 97	27 Z B 4C	5 O.	\$	127343.	0. 0000	97

	RANK	ORDER:	BENEF	IT MINUS	COST	
			ATLAN	TIC WITHOU	T SAR	
SER SALTTI	BENEFITS	C	0 S T	BENEFIT M	INUS COST	RO
97 3 B10AS	5 \$ 76309.	\$	54112.	\$	22943.	1
66 3 B 5B	\$ 60699	. \$	86545.	\$	16879.	2
78 3 B 6B	\$ 58539	. \$	94477.	\$	14633.	3
33 2 B 5E	\$ 36620	. \$	28236.	\$	14495.	4
29 2 B 5A	\$ 34918	. \$	28376.	\$	13558.	5
31 2 B 50	\$ 34918	\$	28539.	\$	13467.	6
77 3 B 6A	\$ 46747	\$ 1	70955.	\$	13337.	7
32 2 B 5D	\$ 33933	. \$	30879.	\$	12108	8
65 3 B 5A	\$ 46747	\$	84740.	\$	11612.	9
37 2 B 6D	\$ 28255.	. \$	69197.	\$	11122.	10
30 Z B 5B	\$ 30084	\$	49869.	\$	8912.	11
38 2 B 6E	\$ 23899.	\$	62998.	\$	8531.	12
36 2 B 60	\$ 22789	. \$	70671.	\$	7860.	13
92 3 B 8B	\$ 73108	. \$	82035.	\$	7197.	14
35 2 B 6B	\$ 27395	. \$	60298.	\$	6489.	15
34 2 B 6A	\$ 22789	. \$	73472.	\$	6304.	16
95 3 B 9B	\$ 72369.	. \$	89002.	\$	3586.	17
7 1 B 203	38916	. \$	51394.	\$	2284.	18
69 3 B 5D9	5 \$ 73071	. \$	91470.	\$	2266.	19
81 3 B 6DS			31528.	\$	1376.	20
93 3 B 80	\$ 36270.	. \$	83258.	\$	-39.	21
6 1 B 2B	\$ 26984.		80327.	\$	-768.	22
5 1 B 2A	\$ 33882.		62814.	\$	-1035.	23
73 3 B 5F8			99371.	\$	-1537.	24
75 3 B 569			99371.	\$	-1537.	25
71 3 B 5ES			99746.	\$	-2087.	26
96 3 B 9C	\$ 34774.		90855.	\$	-2353.	27
85 3 B 6FS			00096.	\$	-2708.	28
87 3 B 669			.00096.	\$	-2708.	29
90 3 B 7B	\$ 30848.		10593.	\$	-2781.	30
39 2 B 7AS			55566.	\$	-3175.	31
48 2 B 9B	\$ 36036.		58695.	\$	-3275.	32
83 3 B 6E9		-	.05235.	\$	-4684.	33
51 2 B10B	\$ 35297		65662.	\$	-6886.	34
49 2 B 9C	\$ 17574		74817.	\$	-7454.	35
52 2 B10C	\$ 16078.		82415.	\$	-9768.	36
46 2 B 8B	\$ 12152		02214.	\$	-10230.	37
13 1 B 30	\$ 18696.		76797.	\$	-10649.	38
54 3 B 1B	\$ 77129		12220.	\$	-10986.	39
67 3 B 503		_	17034.	\$	-11998.	40
79 3 B 609			19096.	\$	-13296.	41
60 3 B 3B 27 2 B 4C	\$ 76874		17551.	\$	-13971.	42
	\$ 0. 3 \$ 36904.		27343.	\$	-14402.	43
9 1 B 209 23 2 B 3C	\$ 36904. \$ 0		77926. 27483.	\$	-14466. -14480.	44
14 1 B 4A	\$ 39184		78293.	\$	-14480. -14655.	46
12 1 B 3B	\$ 37073	100	79668.	\$	-14635. -14680.	47
63 3 B 4B	\$ 76650		20696.	\$	-15640.	48
03 3 6 46	₽ /6630.		20076.	•	-13640.	40

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SER SALTTI	BENEFITS	COST	BENEF	IT MINUS	COST	RO
43 2 B 7CS	\$ 36867.	\$ 79015.	\$	-16143.		49
70 3 B 5DD	\$ 73071.	\$ 139279.	\$	-24294.		50
22 2 B 3B	\$ 38224.	\$ 94211.	\$	-24726.		51
82 3 B 6DD	\$ 67339.	\$ 179343.	\$	-25188.		52
-26 2 B 4B	\$ 38000.	\$ 97356.	\$	-26395.		53
74 3 B 5FD	\$ 76578.	\$ 147180.	\$	-28098.		54
76 3 B 5GD	\$ 76578.	\$ 147180.	\$	-28098.		55
72 3 B SED	\$ 75175.	\$ 147555.	\$	-28647		56
86 3 B 6FD	\$ 70230.	\$ 147911.	\$	-29272.		57
88 3 B 6GD	\$ 70230.	\$ 147911.	\$	-29272.		58
84 3 B 6ED	\$ 69315.	\$ 153050.	\$	-31247.		59
41 2 B 7BS	\$ 36867.	\$ 109193.	\$	-32909.		60
89 3 B 7A	\$ 51439.	\$ 125766.	\$	-34395.		61
2 1 B 1B	\$ 38650.	\$ 112181.	\$	-34690.		62
16 2 B 1B	\$ 38479.	\$ 112220.	\$	-34708.		63
91 3 B 8A	\$ 51378.	\$ 127456.	\$	-35185.		64
8 1 B 2CD	\$ 38916.	\$ 120784.	\$	-36266.		65
68 3 B 5CD	\$ 77927.	\$ 164849.	\$	-38562.		66
94 3 B 9A	\$ 51427.	\$ 135219.	\$	-39637		67
80 3 B 6CD	\$ 77433.	\$ 166911.	\$	-39860.		68
40 2 B 7AD	\$ 33443.	\$ 123371.	\$	-40844.		69
10 1 B 2DD	\$ 36904.	\$ 128782.	\$	-42719.		70
47 2 B 9A 11 1 B 3A	\$ 25505.	\$ 122240. 125035.	\$	-47884.		71
11 1 B 3A 45 2 B 8A	\$ 25873. 25566.	\$ 125766	\$	-49519. -49992.		72
50 2 B10A	\$ 25554.	\$ 130003.	\$	-49992. -52335.		73
44 2 B 7CD	\$ 36867.	\$ 146796.	** **	-53799.		75
56 3 B 1D	\$ 47623.	\$ 156889.	\$	-55412.		76
58 3 B 2B	\$ 47503.	\$ 157043.	\$	-55484		77
61 3 B 3C	\$ 47264.	\$ 157762.	\$	-56266		78
64 3 B 4C	\$ 46905.	\$ 160639.	\$	-57957		79
42 2 B 7BD	\$ 36867.	\$ 157007.	\$	-59472.		80
20 2 B 2B	\$ 23572.	\$ 148664	\$	-65181		81
24 2 B 30	\$ 23333.	\$ 149322.	\$	-65929.		82
28 2 B 4D	\$ 22974.	\$ 152199.	\$	-67620.		83
4 1 B 1D	\$ 23931.	\$ 156729.	\$	-69621.		84
18 2 B 1D	\$ 23692.	\$ 156889.	\$	-69764		85
55 3 B 10	\$ 13645.	\$ 256103.	\$	-136843.		86
3 1 B 1C	\$ 6857.	\$ 256100.	\$	-140870.		87
17 2 B 10	\$ 6788.	\$ 256103.	\$	-140911.		88
53 3 B 1A	\$ 52597.	\$ 608288.	\$	-323003.		89
57 3 B 2A	\$ 52595.	\$ 609130.	\$	-323462.		90
59 3 B 3A	\$ 52595.	\$ 610070.	\$	-323985.		91
62 3 B 4A	\$ 52595.	\$ 618563.	\$	-328703.		92
21 2 B 3A	\$ 26296.	\$ 604854.	\$	-336690.		93
1 1 B 1A	\$ 26298.	\$ 608288.	\$	-338605.		94 .
15 2 B 1A	\$ 26298.	\$ 608288.	\$	-338605.		95
19 2 B 2A	\$ 26297.	\$ 609130.		-339065.		96
25 2 B 4A	\$ 26296.	\$ 613347.	\$	-341408.		97

				RANK	ORDE	R: BENEF	IT COST	RAT	rio		
						PACIFIC WITHOUT SAR					
SER	SALT	17	BE	ENEFITS		COST	BENEFIT	COST	RATIO	RO	
33	2 8	5E	\$	36620.	\$	28236.		2.	6783	1	
29	28	5A	\$	34918.	\$	28376.		2.	5886	2	
31	2 B	50	\$	34918.	\$	28539.		2.	5538	3	
38	2 B	6E	\$	23899.	\$	62998.		2.	3465	4	
36	2 B	60	\$	22789.	\$	70671		2.	2375	5	
32	2 B	50	\$	33933.	\$	30879.		2.	0008	6	
37	2 B	6D	\$	28255.	\$	69197.		1.	9593	7	
34	2 B	GA	\$	22789.	\$	73472.		1.	7093	8	
97	3 B1	OAS	\$	76309.	\$	54112.		1.	6680	9	
30	2 B	5B	\$	30084.	\$	49869.		1.	3349	10	
66	3 B	5B	\$	60699.	\$	86545.		1.	1020	11	
35	2 B	6B	\$	27395.	\$	60298.		1.	0139	12	
78	3 B	6B	\$	58539.	\$	94477.		O.	9882	13	
7	1 B	20S	\$	38916.	\$	51394.		0.	9547	14	
92	3 B	8B	\$	73108.	\$	82035.		0.	9451	15	
95	3 B	98	\$	72369.	\$	89002.		O.	8480	16	
69	3 B	5DS	\$	73071.	\$	91470.		Ο.	8398	17	
77	3 B	6A	\$	46747.	\$	170955.		0.	8295	18	
73	3 B	5FS	\$	76578.	\$	99371.		0.	8097	19	
75	3 B	568	\$	76578.	\$	99371.		O.	8097	20	
.71	3 B	5ES	\$	75175.	\$	99746.		O.	7907	21	
81	3 B	6DS	\$	67339.	\$	131528.		O.	7787	22	
93	_	80	\$	36270.	\$	83258.		O.	7685	23	
65		5A	\$	46747.	\$	84740.			7621	24	
85	3 B	6FS	\$	70230.	\$	100096.		O.	7443	25	
87		668	\$	70230.	\$	100096.		O.	7443	26	
54	_	1 B	\$	77129.	\$	112220.		Ο.	7320	27	
48	2 B	913	\$	36036.	\$	58695.			7289	28	
83	_	6ES	\$	69315.	\$	105235.		7.5	7056	29	
96		90	\$	34774.	\$	90855.			6921	30	
67	-	5CS	\$	77927.	\$	117034.		5.0	6910	31	
60	-	ЗВ	\$	76874.	\$	117551.			6866	32	
39	2 B	7AS	\$	33443.	\$	55566.		-	6814	33	
90	3 B	713	\$	30848.	\$	110593.			6787	34	
5	1 B	2A	\$	33882.	\$	62814.			6754	35	
79	-	608	\$	77433.	\$	119096.			6680	36	
63	3 B	1011	\$	76650.	\$	120696.			6621	37	
51	2 B1	103 173	\$	35297.	\$	65662.			6107	38	
14	1 B	4A	\$	39184.	\$	78293			5901	39	
6	1 8	2B	\$	26984.	\$	80327.			5331	40	
43	2 B	708 560	\$	36867.	\$	79015.			5226	41	
	_		\$	76578.	\$	147180.			5143	42	
76	3 B	5GD	\$	76578.	\$	147180.			5143	43	
70	3 B	SDD 2DS	\$	73071. 36904.	\$	139279.			5132 5128	44	
12	1 B	2DS 3B	\$	36904.	\$	77926. 79668.			5032	45 46	
72	3 B	SED	\$	75175.	\$	147555.			5018	45	
49	-	90 5EB	\$		\$					48	
47	2 B	70	Þ	17574.	*	74817.		O.	4808	40	

				EFIT COST RAT	CIO (Cont'd)	
SER SALTTI	BENE	FITS	COST	BENEFIT COST	RATIO	RO
82 3 B 6DD	\$ 67	7339. \$	179343.	0	4680	49
68 3 B 5CD	\$ 77	7927. \$	164849.	0	4667	50
86 3 B 6FD	\$ 70	230. \$	147911.	0	4661	51
88 3 B 66D	\$ 70)230. \$	147911.	0	4661	52
80 3 B 6CD		7433. \$	166911.		4543	53
89 3 B 7A		439. \$	125766.		4506	54
84 3 B 6ED		315. \$	153050.		4475	55
22 2 B 3B		3224. \$	94211.		. 4469	56
91 3 B 8A		.378. \$	127456.		4431	57
26 2 B 4B		3000. \$	97356.		. 4242	58
94 3 B 9A		427. \$	135219.		4119	59
13 1 B 3C		3696. \$	76797.		4113	60
52 2 B10C		078. \$	82415.		. 4059	61
2 1 8 18		8650. \$	112181.		3679	62
16 2 B 1B		8479. \$	112220.		3641	63
41 Z B 7BS 46 Z B 8B			109193.		. 3530	64
46 2 B 8B 56 3 B 1D		152. \$	102214. 156889.		. 3483 . 3308	65
58.3 B 2B		°623. ≢ °503. \$		75	. 3308 . 3300	66
8 1 B 2CD		3916. \$	157043. 120784.		. 3268	67 68
61 3 B 3C	10	264. \$	157762.		. 3254	69
64 3 B 40		905. \$	160639.		. 3165	70
10 1 B 2DD		904. \$. 2858	71
40 2 B 7AD		8443. \$	123371.		2581	72
44 2 B 7CD		867. \$	146796.		2513	73
42 2 B 7BD		867. \$	157007.		2331	74
11 1 B 3A		i873. \$	125035.		2305	75
47 2 B 9A	\$ 25	5505. \$	122240.		2294	76
45 2 B 8A	\$ 25	5566. \$	125766.	0	2220	77
50 2 B10A	\$ 25	5554. \$	130003.	0	2129	78
20 2 B 2B	\$ 23	3572. \$	148664.	0	1750	79
24 2 B 3D	\$ 23	3333. \$	149322.	0	. 1717	80
4 1 B 1D	\$ 23	i931. \$	156729.	0	1662	81
28 2 B 4D	\$ 22	2974. \$	152199.	0	. 1655	82
18 2 B 1D		3692. \$	156889.		1646	83
53 3 B 1A		2597. \$	608288.		. 0887	84
57 3 B 2A		2595. \$	609130.		. 0886	85
59 3 B 3A		2595. \$	61 0070.		. 0885	86
62 3 B 4A		2595. \$	618563.		. 0871	87
55 3 B 1C		8645. \$	256103.		. 0563	88
21 2 B 3A		296. \$	604854.		. 0447	89
1 1 B 1A		298. \$	608288.		. 0444	90
15 2 B 1A 19 2 B 2A		5298. \$ 5297. \$	608288.		0444	91
19 2 B 2A 25 2 B 4A		5297. \$	609130.		0443	92 93
3 1 B 1C	-	6296. \$	613347. 256100.		. 0283	94
17 2 B 1C		788. \$	256100.		0280	95
23 2 B 3C	\$	0. \$	127483.		. 0000	96
27 2 B 4C	\$	0. \$	127343.		0000	97
2, 2 0 40		· •	12/040.			"

		RANK	ORDE	R: BENEF	IT MINUS	COST	
				PACIF	IC WITHOU	T SAR	
SER SAL	TTI BE	ENEFITS		COST	BENEFIT M	INUS COST	RO
97 3 E	310AS \$	76309.	\$	54112.	\$	11932.	1
33 2 E	5E \$	36620.	\$	28236.	\$	9078.	2
29 2 E	5A \$	34918.	\$	28376.	\$	8477.	3
31 2 E	8 5C \$	34918.	\$	28539.	\$	8404.	4
32 2 E	:5D \$	33933.	\$	30879.	\$	6374.	5
38 2 E		23899.	\$	62998.	\$	5425.	6
36 2 E	60 \$	22789.	\$	70671.	\$	4986.	7
37 2 E		28255.	\$	69197.	\$	4786.	8
34 2 E	C. Carlotte	22789.	\$	73472.	\$	3741.	9
30 2 E		30084.	\$	49869.	\$	2517.	10
66 3 E		60699.	\$	86545.	\$	1825.	11
35 2 E		27395.	\$	60298.	\$	118.	12
78 3 E		58539.	\$	94477.	\$	-221.	13
7 1 E		38916.	\$	51394.	\$	-728.	14
92 3 E		73108.	\$	82035.	\$	-1542.	15
77 3 E		46747.	\$	170955.	\$	-2657.	16
93 3 E		36270.	\$	83258.	\$	-3852.	17
65 3 B		46747.	\$	84740.	\$	-4037.	18
95 3 E		72369.	\$	89002.	\$	-4675	19
48 2 E		36036.	\$	58695.	\$	-4802.	20
90 3 E		30848.	\$	110593.	\$	-5149.	21
69 3 B		73071.	\$	91470.	\$	-5349.	22
96 3 B		34774.	\$	90855.	\$	-5456.	- 23
5 1 B		33882.	\$	62814.	\$	-5593.	24
39 2 B		33443.	\$	55566.	\$	-5855.	25
6 1 B	-	17574. 26984	\$	74817.	\$	-6692.	26
73 3 B		76578.	\$	80327. 993 71 .	\$	-7006. -7036.	27
75 3 B		76578.	\$	99371.	\$	-7036. -7036.	28 29
81 3 B		67339.	\$	131528	\$	-7036. -7083.	30
	5ES \$	75175.	\$	99746.	\$	-7063. -7726.	31
	108 \$	35297.	\$	65662.	\$	-7726. -7936.	32
	8B \$	12152.	\$	102214	\$	-8017.	33
	100 \$	16078.	\$	82415.	\$	-8296.	34
	6FS \$	70230.	\$	100096	\$	-9104	35
87 3 B		70230.	\$	100096	\$	-9104	36
13 1 B		18696.	\$	76797.	\$	-9433.	37
27 2 B		0.	\$	127343.	\$	-9882.	38
23 2 B		0.	\$	127483.	\$	-9944.	39
14 1 13		39184.	\$	78293	\$	-10724.	40
83 3 B		69315.	\$	105235.	\$	-10847.	41
54 3 B		77129.	\$	112220.	\$	-10877.	42
43 2 B	7CS \$	36867.	\$	79015.	\$	-13321.	43
60 3 B	3B \$	76874.	\$	117551.	\$	-13457.	44
12 1 B	3B \$	37073.	\$	79668.	\$	-13458.	45
67 3 B	50S \$	77927.	\$	117034.	\$	-13662.	46
9 1 B	2DS \$	36904.	\$	77926.	\$	-13873.	47
63 3 B	4B \$	76650.	\$	120696.	\$	-14950.	48

RANK ORDER: BENEFIT MINUS COST (Cont'd) PACIFIC WITHOUT SAR

SER SALTI	BENEFITS	COST	BENEFIT MINUS COST	RO
79 3 B 60S	\$ 77433.	\$ 119096.	\$ -14991.	49
22 2 B 3B	\$ 38224.	\$ 94211.	\$ -18012.	50
26 2 B 4B	\$ 38000.	\$ 97356.	\$ -19505.	51
89 3 B 7A	\$ 51439.	\$ 125766.	\$ -24702.	52
91 3 B 8A	\$ 51378.	\$ 127456.	\$ −25388.	53
2 1 B 1B	\$ 38650.	\$ 112181.	\$ −25653.	54
16 2 B 1B	\$ 38479.	\$ 112220.	\$ −25805.	55
70 3 B 5DD	\$ 73071.	\$ 139279.	\$ -26598.	56
41 2 B 7BS	\$ 36867.	\$ 109193.	\$ −26733.	57
74 3 B 5FD	\$ 76578.	\$ 147180.	\$ -28284.	58
76 3 B 5GD	\$ 76578.	\$ 147180.	\$ -28284.	59
82 3 B 6DD	\$ 67339.	\$ 179343.	\$ -2833 4 .	60
94 3 B 9A	\$ 51427.	\$ 135219.	\$ −28905.	61
72 3 B 5ED	\$ 75175.	\$ 147555.	\$ -28974.	62
86 3 B 6FD	\$ 70230.	\$ 147911.	\$ -30355.	63
88 3 B 6GD	\$ 70230.	\$ 147911.	\$ -30355.	64
8 1 B 2CD	\$ 38916.	\$ 120784.	\$ -31568.	65
84 3 B 6ED	\$ 69315.	\$ 153050.	\$ -32099.	66
47 2 B 9A	\$ 25505.	\$ 122240.	\$ −33346.	67
11 1 B 3A	\$ 25873.	\$ 125035.	\$ -34317.	68
68 3 B 5CD	\$ 77927	\$ 164849.	\$ -34913. # -24979	69
45 2 B 8A 40 2 B 7AD	\$ 25566.	125766.	\$ -34979. * 05000	70
40 2 B 7AD 80 3 B 6CD	\$ 33443. \$ 77433.	\$ 123371. 166911.	\$ -35990. \$ -36242.	71
		128782.		72
10 1 B 2DD 50 2 B10A	\$ 3690 4 . \$ 25554.	\$ 130003.	\$ -36475. \$ -36864.	73 74
56 3 B 1D	\$ 47623.	\$ 156889.	\$ -36864. \$ -38563.	75
58 3 B 2B	\$ 47503.	\$ 157043.	\$ -38611.	76
61 3 B 3C	\$ 47264.	\$ 157762	\$ -39217.	77
64 3 B 40	\$ 46905.	\$ 160639.	\$ -40541	78
44 2 B 7CD	\$ 36867.	\$ 146796.	\$ -43446	79
20 2 B 2B	\$ 23572.	\$ 148664.	\$ -44465.	80
24 2 B 3D	\$ 23333.	\$ 149322.	\$ -45045.	81
28 2 B 4D	\$ 22974.	\$ 152199.	\$ -46369.	82
42 2 B 7BD	\$ 36867.	\$ 157007.	\$ −47984.	83
4 1 B 1D	\$ 23931.	\$ 156729.	\$ −48045.	84
18 2 B 1D	\$ 23692.	\$ 156889.	\$ -48141.	85
55 3 B 1C	\$ 13645.	\$ 256103.	\$ -92942.	86
3 1 B 1C	\$ 6857.	\$ 256100.	\$ −95703.	87
17 2 B 10	\$ 6788.	\$ 256103.	\$ -5.5731.	88
53 3 B 1A	\$ 52597.	\$ 608288.	\$ -219638.	89
57 3 B 2A	\$ 52595.	\$ 609130.	\$ −220007.	90
59 3 B 3A	\$ 52595.	\$ 610070.	\$ −220425.	91
62 3 B 4A	\$ 52595.	\$ 618563.	\$ −224200.	92
21 2 B 3A	\$ 26296.	\$ 604854.	\$ -228803.	93
1 1 B 1A	\$ 26298.	\$ 608288.	\$ -230334.	94
15 2 B 1A	\$ 26298.	\$ 608288.	\$ -230334.	95
19 2 B 2A	\$ 26297.	\$ 609130.	\$ -230703.	96
25 2 B 4A	\$ 26296.	\$ 613347.	\$ -232577.	97

					RANK	ORDE	R: BENEF	IT COST	RA"	rio	
					COMME	RCIA	L ATLAN	TIC			
SER	SA	LT	11	BE	NEFITS		COST	BENEFIT	COST	RATIO	RO
69	3	В	5DS	\$	73071.	\$	91470.		7.	0658	1
70	3	B	500	\$	73071.	\$	139279.		7.	0658	2
81	3	В	6DS	\$	67339.	\$	131528.		6.	6488	3
82	3	В	600	\$	67339.	\$	179343.		6.	6488	4
97	3	B1	OAS	\$	76309.	\$	54112.		6.	0264	5
65	3	В	SA	\$	46747.	\$	84740.		5.	4328	6
77	3	В	6A	\$	46747.	\$	170955.		5.	4328	7
33	2	В	5E	\$	36620.	\$	28236.		4.	0749	- 8
29	2	E	5A	\$	34918.	\$	28376.		3.	8856	9
31	2	В	50	\$	34918.	\$	28539.		3.	8856	10
73	3	B	5FS	\$	76578.	\$	99371.		3.	8758	11
74	3	B	SFD	\$	76578.	\$	147180.		3.	8758	12
75	3	В	56s	\$	76578.	\$	99371.		3.	8758	13
76	3	В	5GD	\$	76578.	\$	147180.		3.	8758	14
71	3	B	5ES	\$	75175.	\$	99746.		3.	8218	15
72	3	В	SED	\$	75175.	\$	147555.		3.	8218	16
85	3	В	6FS	\$	70230.	\$	100096.		3.	6313	17
86	3	В	6FD	\$	70230.	\$	147911.		3.	6313	18
87	3	E	6GS	\$	70230.	\$	100096.		3.	6313	19
88	3	В	66D	\$	70230.	\$	147911.			6313	20
83	3	Ŀ	6ES	\$	69315.	\$	105235.		3.	5961	21
84	3	В	6ED	\$	69315.	\$	153050.		3.	5961	22
66	3	B	5B	\$	60699.	\$	86545.		3.	5444	23
78	3	В	6B	\$	58539.	\$	94477.		3.	4228	24
1	1		208	\$	38916.	\$	51394.			0576	25
8	1	977	2CD	\$	38916.	\$	120784.		-	0576	26
6	1		2B	\$	26984.	\$	80327.			0508	27
9	1	100	2DS	\$	36904.	\$	77926.			0485	28
10	1		2DD	\$	36904.	\$	128782.			0485	29
32	2		50	\$	33933.	\$	30879.			0466	30
39	2		7AS	\$	33443.	\$	55566.			0073	31
40	2		7AD	\$	33443.	\$	123371.			0073	32
38	2	F:		\$	23899.	\$	62998.			6594	33
37	2		6D	\$	28255.	\$	69197.			6511	34
34	2	B	6A	\$	22789.	\$	73472.			5358	35
36	2	B	60	\$	22789.	\$	70671.			5358	36
5	1	B	2A	\$	33882.	\$	62814.			9959	37
67	3	-	SCS	\$	77927.	\$	117034.			8581	38
68	-	3	5CD	\$	77927.	\$	164849.			8581	39
19	3		60S	\$	77433.	\$	119096.			8516	40
80	3	777	6CD	\$	77433.	\$	166911.		- T	8516	41
92	3	B	88	\$	73108.	\$	82035.		-	7511	42
95	3	В	9B	\$	72369.	\$	89002.			7359	43
30	100	B	5B	\$	30084.	\$	49869.			7188	44
35	2	B	6B	\$	27395.	\$	60298.			5713	45
93	3	B	80	\$	36270.	\$	83258.		-	3000	46
96	3	В	90	\$	34774.	\$	90855.			2464	47
90	3	В	7B	\$	30848.	\$	110593.		1.	1056	48

RANK ORDER: BENEFIT COST RATIO(Cont'd) COMMERCIAL ATLANTIC

SER SALTTI	BENEFITS	(COST	BENEFIT COST	RATIO	RO
41 2 B 7BS	\$ 36867.	\$	109193.	1.	0151	49
42 2 B 7BD	\$ 36867.	\$	157007.	1.	0151	50
43 2 B 70S	\$ 36867.	\$	79015.	1.	0151	51
44 2 B 70D	\$ 36867.	\$	146796.	1.	0151	52
54 3 B 1B	\$ 77129.	\$	112220.	0.	9961	53
60 3 B 3B	\$ 76874.	\$	117551.	Ο.	9950	54
63 3 B 4B	\$ 76650.	\$	120696.	0.	9939	55
12 1 B 3B	\$ 37073.	\$	79668.	0.	8843	56
48 2 B 9B	\$ 36036.	\$	58695.	0.	8667	57
51 2 B10B	\$ 35297.	\$	65662.	O.	8515	. 58
14 1 B 4A	\$ 39184.	\$	78293.		6726	59
13 1 B 3C	\$ 18696.	\$	76797.		6701	60
49 2 B 9C	\$ 17574.	\$	74817.		6299	61
52 2 B100	\$ 16078.	\$	82415.		5763	62
89 3 B 7A	\$ 51439.	\$	125766.		5011	63
91 3 B 8A	\$ 51378.	\$	127456.		5011	64
94 3 B 9A	\$ 51427.	\$	135219.		5011	65
2 1 B 1B	\$ 38650.	\$	112181.		4983	66
16 2 B 1B	\$ 38479.	\$	112220.		4978	67
22 2 B 3B	\$ 38224.	\$	94211.		4967	68
26 2 B 4B	\$ 38000.	\$	97356.		4956	69
46 2 B 8B	\$ 12152.	\$,			4356	70
56 3 B 1D	\$ 47623.	\$	156889.		3602	71
58 3 B 2B	\$ 47503.	\$	157043.		3593	72
61 3 B 3C	\$ 47264.	\$	157762.		3575	73
64 3 B 40	\$ 46905.	\$	160639.		3548	74
11 1 B 3A	\$ 25873.	\$	125035.		2507	75
45 2 B 8A	\$ 25566.	\$	125766.		2505	76
47 2 B 9A	\$ 25505.	\$	122240.		2504	77
50 2 B10A	\$ 25554.	\$	130003.		2504	78
4 1 B 1D	\$ 23931.	\$	156729.		1810	79
18 2 B 1D	\$ 23692.	\$	156889.		1792	80
20 2 B 2B	\$ 23572.	\$	148664.		1783	81
24 2 B 3D	\$ 23333.	\$	149322.		1765	82
28 2 B 4D	\$ 22974.	\$	152199.		1738	83
53 3 B 1A	\$ 52597.	\$	608288.		0888	84
57 3 B 2A	\$ 52595.	\$	609130.		0888	85
59 3 B 3A	\$ 52595.	\$	610070.		0888	86
62 3 B 4A	\$ 52595.	\$	618563.		0888	87
55 3 B 1C	\$ 13645.	\$	256103.		0559	88
1 1 B 1A	\$ 26298.	\$	608288.		0444	89
15 2 B 1A 19 2 B 2A	\$ 26298. \$ 26297.	\$	608288. 609130.		0444	90 91
21 2 B 3A	\$ 26297.\$ 26296.	\$	604854.		0444	92
25 2 B 4A	\$ 26296. \$ 26296.	\$	613347.		0444	93
3 1 B 1C	\$ 26296. \$ 6857.	\$	256100.		0281	94
17 2 B 1C	\$ 6857. \$ 6788.	\$	256100. 256103.		0281	95
23 2 B 3C	\$ 0/88. \$ 0.	\$	127483.		0000	96
27 2 B 4C	\$ 0.	\$	127343.		0000	97
2/ 2 5 40	Ψ 0.	*	12/040.	O.	0000	71

		NK ORD		FIT MINUS	COST	
SER SALTTI	BENEFI		COST	BENEFIT	MINUS COST	RO
97 3 B10AS	\$ 7630		54112.	\$		1
69 3 B 50S	\$ 730	2.0.01		\$		2
70 3 B 5DD	\$ 730		139279.	\$		3
81 3 B 6DS	\$ 673			\$		4
82 3 B 6DD	\$ 673			\$		5
73 3 B 5FS	\$ 765			\$		6
74 3 B 5FD	\$ 765			\$		7
75 3 B 5GS	\$ 765		ST. 11 TOTAL	\$		8
76 3 B 5GD	\$ 765			\$		9
71 3 B 5ES	\$ 751			\$		10
72 3 B SED	\$ 751			\$		11
85 3 B 6FS	\$ 702			\$		12
86 3 B 6FD	\$ 702			\$		13
87 3 B 668	\$ 702			\$		14
88 3 B 660	\$ 702			\$		15
83 3 B 6ES	\$ 693			\$		16
84 3 B 6ED	\$ 693			\$		17
66 3 B 5B	\$ 606			\$		18
65 3 B 5A	\$ 467		84740.	\$		19
77 3 B 6A	\$ 467		170955.	\$	T	
78 3 B 6B	\$ 585		94477.	\$		20
67 3 B 50S	\$ 779	2011 71 027	117034	\$		21
68 3 B 5CD	\$ 7792		164849.			22
79 3 B 60S	\$ 774			\$		23
80 3 B 6CD	\$ 7743	1 11-2	119096.			24
92 3 B 8B	\$ 7310		166911. 82035.	\$		25
95 3 B 9B	\$ 7236		89002.	\$		26
33 2 B 5E	\$ 3663		28236.	\$	12736. 10974.	27
7 1 B 2CS	\$ 389:		51394.	\$	10430	28
8 1 B 2CD	\$ 389°		120784.			29
29 Z B 5A	\$ 349		28376.	\$	10430. 10298.	30
31 2 B SC	\$ 349:		28539.	\$	10298.	31
9 1 B 2DS	\$ 3690		77926.	\$	9848.	32
10 1 B 200	\$ 3690		128782.	\$	9848. 9848.	33 34
32 2 B 5D	\$ 3393		30879.	\$	7046. 9338.	
39 2 B 7AS	\$ 3344		55566.	\$	9336. 9158.	35
40 2 B 7AD	\$ 3344	2000	123371	\$	9158. 9158.	36
6 1 B 2B	\$ 2698		80327.	\$		37
37 2 B 6D	\$ 2825		69197.	\$	8317. 7533.	38
5 1 B 2A	\$ 3388		62814.	\$	7068.	39 40
38 2 B 6E	\$ 2389		62998.	\$	5922	41
34 2 B 6A	\$ 2278	120.00	73472.	\$	5481.	41
36 2 B 6C	\$ 2278		70671.	\$	5481	43
93 3 B 8C	\$ 362		83258.	\$	5418.	44
30 2 B 5B	\$ 3008		49869.	\$	5101.	45
96 3 B 90	\$ 347		90855.	\$	4450.	46
35 2 B 6B	\$ 2739		60298.	\$	4055.	47
90 3 B 7B	\$ 3084		110593.	\$	1908.	48
						1.0

RANK ORDER: BENEFIT MINUS COST (Cont'd)										
CED CAT TI	DI		ERC	IAL ATLAN						
SER SALTI	ы	ENEFITS		COST	BENEFIT N	MINUS COST	RO			
41 2 B 7BS	\$	36867.	\$	109193.	\$	218.	49			
42 2 B 7BD	\$	36867.	\$	157007.	\$	218.	50			
43 2 B 70S	\$	36867.	\$	79015.	\$	218.	51			
44 2 B 7CD	\$	36867.	\$	146796.	\$	218.	52			
54 3 B 1B	\$	77129.	\$	112220.	\$	-121.	53			
60 3 B 3B	\$	76874.	\$	117551.	\$	-155.	54			
63 3 B 4B	\$	76650.	\$	120696.	\$	-190.	55			
12 1 B 3B	\$	37073.	\$	79668.	\$	~2002.	56			
48 2 B 9B	\$	36036.	\$	58695.	\$	~2307.	57			
51 2 B10B	\$	35297.	\$	65662.	\$	-2569.	58			
13 1 B 3C	\$	18696.	\$	76797.	\$	~5959.	59			
49 2 B 9C	\$	17574.	\$	74817.	\$	-6686.	60			
14 1 3 4A	\$	39184.	\$	78293.	\$	-7595.	61			
52 2 B10C	\$	16078.	\$	82415.	\$	-7654.	62			
23 2 B 3C	\$	0.	\$	127483.	\$	~8337.	63			
27 2 B 4C	\$	0.	\$	127343.	\$	-8337.	64			
46 2 B 8B	\$	12152.	\$	102214.	\$	-10196.	65			
2 1 B 1B	\$	38650.	\$	112181.	\$	-15682.	66			
16 2 B 1B	\$	38479.	\$	112220.	\$	-15699.	67			
22 2 B 3B	\$	38224.	\$	94211.	\$	-15733.	68			
26 Z B 4B	\$	38000.	\$	97356.	\$	-15769.	69			
99 3 B 7A 94 3 B 9A	\$	51439. 51427.	\$,125766. 135219.	\$	-31038.	70			
	\$	51378.	\$	127456.	\$	-31039. -31042.	71			
	\$	25873.	\$	125035.	\$	-46621	72 73			
11 1 B 3A 45 2 B 8A	\$	25566.	\$	125766.	\$	-46634.	74			
50 2 B10A	\$	25554.	\$	130003.	\$	-46635.	75			
47 2 B 9A	\$	25505.	\$	122240.	\$	-46638.	76			
56 3 B 1D	\$	47623	\$	156889.	\$	-50723.	77			
58 3 B 2B	\$	47503.	\$	157043.	\$	-50795.	78			
61 3 B 3C	\$	47264	\$	157762.	\$	-50938.	79			
64 3 B 4C	\$	46905.	\$	160639.	\$	-51153.	80			
4 1 B 1D	\$	23931.	\$	156729.	\$	-64932.	81			
18 2 B 10	\$	23692.	\$	156889.	\$	-65075.	82			
20 2 B 2B	\$	23572.	\$	148664.	\$	-65147.	83			
24 2 B 3D	\$	23333.	\$	149322.	\$	-65291.	84			
28 2 B 4D	\$	22974.	\$	152199.	\$	-65506	85			
55 3 B 10	\$	13645	\$	256103.	\$	-136778.	86			
3 1 B 1C	\$	6857.	\$	256100.	\$	-140806.	87			
17 2 B 10	\$	6788.	\$	256103.	\$	-140846.	88			
53 3 B 1A	\$	52597.	\$	608288	\$	-320105.	89			
57 3 B 2A	\$	52595.	\$	609130.	\$	-320105.	90			
59 3 B 3A	\$	52595.	\$	610070.	\$	-320105.	91			
62 3 B 4A	\$	52595.	\$	618563.	\$	-320105.	92			
1 1 B 1A	\$	26298.	\$	608288.	\$	-335708.	93			
15 2 B 1A	\$	26298.	\$	608288.	\$	-335708.	94			
19 2 B 2A	\$	26297.	\$	609130.	\$	-335708.	95			
21 2 B 3A	\$	26296.	\$	604854.	\$		96			
25 2 B 4A	\$	26296.	\$	613347.	\$	-335708.	97			

COMMERCIAL PACIFIC										
SER	SAL	177	BEN	NEFITS		COST	BENEFIT	COST	RATIO	RO
69	3 B	SDS	\$	73071.	\$	91470.			7682	1
70	3 B	5DD	\$	73071.	\$	139279.			7682	2
81	3 B	6DS	\$	67339.	\$	131528.		5.	9987	3
82	3 B	6DD	\$	67339.	\$	179343.		5.	9987	4
97	3 B	10AS	\$	76309.	\$	54112.		5.	9427	5
	2 B		\$	36620.	\$	28236.		4.	1110	6
		5A	\$	34918.	\$	28376.		3.	9199	7
	2 B		\$	34918.	\$	28539.		3.	9199	8
		5FS	\$	76578.	\$	99371.			8325	9
		SFD	\$	76578.	\$	147180.		3.	8325	10
	-	568	\$	76578.	\$	99371.			8325	11
		SGD	\$	76578.	\$	147180.			8325	12
		5ES	\$	75175.	\$	99746.			7328	13
		SED	\$	75175.	\$	147555.			7328	14
		6FS	\$	70230.	\$	100096.			3813	15
		6FD	\$	70230.	\$	147911.			3813	16
		66S	\$	70230.	\$	100096.			3813	17
	-	6GD 6ES	\$	70230.	\$	147911.			3813	18
		6ED	\$	69315.	\$	105235.			3162	19
		2DS	\$	69315. 36904.	\$	153050.			3162	20
		2DD	\$	36904	\$	77926. 128782.			0755 0755	21
65			\$	46747.	\$	84740.			0608	23
		6A	\$	46747.	\$	170955			0608	24
		2CS	\$	38916	\$	51394			0595	25
		2CD	\$	38916	\$	120784			0595	26
	2 B		\$	33933	\$	30879.			8192	27
		ZAS	\$	33443.	\$	55566.			7707	28
		ZALI	\$	33443.1		123371			7707	29
38	2 B	6E	\$	23899.	*	62998.			6829	30
34	2 B	6A	\$	22789.	\$	73472			5583	31
36	2 B	60	\$	22789.	\$	70671		2.	5583	32
66	3 B	5B	\$	60699	\$	86545		2.	4245	33
78	3 B	6B	\$	58539.	\$	94477.		2.	2792	34
37	2 B	6D	\$	28255.	#	69197		2.	1504	35
6	1 B	2B	\$	26984	\$	80327		1.	8841	36
		5CS	\$	77927	\$	117034		1.	8387	37
		SCD	\$	77927	5	164849		1.	8387	38
		6CS	\$	77433	\$	119096		1.	8087	39
		6CD	\$	77433.	\$	166911.			8087	40
		2A	\$	33882	\$	62814			4935	41
	3 B		\$	73108.		82034			4687	42
	3 B		\$	72369	*	89002			4338	43
	2 B		\$	30084	\$	49869			2681	44
93	2 B		\$	27395	*	60298			0537	45
			\$	36270.	*	83258			0419	46
		7BS	\$	36867		109193			0241	47
42 .	2 B	7BD	\$	36867.	\$	157007		1.	0241	48

RANK ORDER: BENEFIT COST RATIO

RANK ORDER: BENEFIT COST RATIO(Cont'd) COMMERCIAL PACIFIC

SER SALTTI	BENEFITS	COST	BENEFIT COST	RATIO	RO
43 2 B 70S	\$ 36867.	\$ 79015.	1.	0241	49
44 2 B 70D	\$ 36867.	\$ 146796.	1.	0241	50
96 3 B 90	\$ 34774.	\$ 90855.	0.	9989	51
54 3 B 1B	\$ 77129.	\$ 112220.	0.	9482	52
60 3 B 3B	\$ 76874.	\$ 117551		9388	53
63 3 B 4B	\$ 76650.	\$ 120696.		9307	54
90 3 B 7B	\$ 30848.	\$ 110593.		8861	55
12 1 B 3B	\$ 37073.	\$ 79668.		7619	56
48 2 B 9B	\$ 36036.	\$ 58695.		7068	57
14 1 B 4A	\$ 39184.	\$ 78293.		6734	58
51 Z B10B	\$ 35297.	\$ 65662.		6719	59
13 1 B 30	\$ 18696.	\$ 76797.		5371	60
49 2 B 9C	\$ 17574.	\$ 74817.		5048	61
89 3 B 7A	\$ 51439.	\$ 125766.		4792	62
94 3 B 9A	\$ 51427.	\$ 135219.		4790	63
91 3 B 8A	\$ 51378.	\$ 127456.		4779	64
2 1 B 1B	\$ 38650.	\$ 112181.		4774	65
16 2 B 1B	\$ 38479.	\$ 112220.		4708	66
52 2 B10C 22 2 B 3B	\$ 16078.	\$ 82415.		4619	67
22 2 B 3B 26 2 B 4B	\$ 38224. \$ 38000.	\$ 94211. 97356.		4614 4533	68 69
56 3 B 1D	\$ 38000. \$ 47623.	\$ 156889.		4533 3538	70
58 3 B 2B	\$ 47503.	\$ 157043.		3529	71
61 3 B 3C	\$ 47264.	\$ 157762.		3512	72
46 Z B 8B	\$ 12152.	\$ 102214.		3491	73
64 3 B 4C	\$ 46905.	\$ 160639.		3485	74
11 1 B 3A	\$ 25873.	\$ 125035.		2431	75
45 2 B 8A	\$ 25566.	\$ 125766.		2361	16
50 2 B10A	\$ 25554.	\$ 130003.		2359	77
47 2 B 9A	\$ 25505.	\$ 122240		2348	78
4 1 B 1D	\$ 23931.	\$ 156729.		1778	79
18 2 B 1D	\$ 23692.	\$ 156889.	0.	1760	80
20 2 B 2B	\$ 23572.	\$ 148664.	0.	1751	81
24 2 B 3D	\$ 23333.	\$ 149322.	0.	1734	82
28 2 B 4D	\$ 22974.	\$ 152199.	0.	1707	83
53 3 B 1A	\$ 52597.	\$ 608288.	0.	0896	84
57 3 B 2A	\$ 52595.	\$ 609130.	0.	0896	85
59 3 B 3A	\$ 52595.	\$ 610070.	0.	0896	86
62 3 B 4A	\$ 52595.	\$ 618563.	0.	0896	87
55 3 B 10	\$ 13645.	\$ 256103.	O.	0564	88
1 1 B 1A	\$ 26298.	\$ 608288.		0448	89
15 2 B 1A	\$ 26298.	\$ 608288.		0448	90
19 2 B 2A	\$ 26297.	\$ 609130.		0448	91
21 2 B 3A	\$ 26296.	\$ 604854.		0448	92
25 2 B 4A	\$ 26296.	\$ 613347.		0448	93
3 1 B 1C	\$ 6857.	\$ 256100.		0283	94
17 2 B 1C	\$ 6788.	\$ 256103.		0280	95
23 2 B 30	\$ 0.	\$ 127483.		0000	96
27 2 B 4C	\$ O.	\$ 127343.	0.	0000	97

		RANK			IT MINUS	COST	
		COMME	RCIA				
SER SALTTI		ENEFITS		COST	BENEFIT M		T RO
97 3 B104		76309.	\$	54112.	\$	17025.	1
69 3 B 5I		73071.	\$	91470.	\$	16397.	2
70 3 B 5D		73071.	\$	139279.	\$	16397.	3
73 3 B 5F		76578.	\$	99371.	\$	15209.	4
74 3 B 56		74578.	\$	147180.	\$	15209.	5
75 3 B 50 76 3 B 50		76578.	\$ \$	99371.	\$	15209.	6
70 3 8 56		76578. 75175.	\$	147180. 99746.	\$ \$	15209. 14674.	7 8
72 3 B 56		75175.	\$	147555.	\$	14674.	9
81 3 B 6I		67339.	\$	131528.	\$	14210.	10
82 3 B 61		67339.	\$	179343.	\$	14210.	11
85 3 B 6F		70230.	\$	100096.	\$	12786.	12
86 3 B 6F		70230.	\$	147911	\$	12786.	13
87 3 B 60		70230.	\$	100096.	\$	12786.	14
88 3 B 60		70230.	\$	147911.	\$	12786.	15
83 3 B 66	8 \$	69315.	\$	105235.	\$	12437.	16
84 3 B 6E		69315.	\$	153050.	\$	12437.	17
67 3 B 50	S \$	77927.	\$	117034.	\$	9537.	18
68 3 B 50	D \$	77927.	\$	164849.	\$	9537.	19
79 3 B 60	S \$	77433.	\$	119096.	\$	9196.	20
80 3 B 60	D \$	77433.	\$	166911.	\$	9196.	21
33 2 B 56	\$	36620.	\$	28236.	\$	7544.	22
7 1 B 20	S \$	38916.	\$	51394.	\$	7094.	23
8 1 B 20	D \$	38916.	\$	120784.	\$	7094.	24
29 2 B 54		34918.	\$	28376.	\$	7081.	25
31 2 B 50		34918.	\$	28539.	\$	7081.	26
66 3 B 5E		60699.	\$	86545.	\$	6869.	27
9 1 B 20		36904.	\$	77926.	\$	6780.	28
10 1 B 2D		36904	\$	128782.	\$	6780.	29
78 3 B 6E		58539.	\$	94477.	\$	6169.	30
65 3 B 5A		46747.	\$	84740.	\$	5679.	31
77 3 B 66		46747.	\$	170955.	\$	5679.	32
32 2 B 50		33933.	\$	30879.	\$	5640.	33
92 3 B 86 39 2 B 76		73108. 33 44 3.	\$	82035. 55544.	\$	5512.	34
40 2 B 76		33443.	\$	123371.	\$	5489.	35
95 3 B 9B		72369.	\$	89002.	\$	5489. 5102.	36
38 2 B 6E		23899.	\$	62998.	\$	4081.	37 38
34 2 B 66		22789.	\$	73472.	\$	3779.	39
36 2 B 60		22789.	\$	70671	\$	3779.	40
37 2 B 6D		28255.	\$	69197.	\$	3566.	41
6 1 B 2B		26984.	\$	80327.	\$	2436.	42
5 1 B 2A		33882	\$	62814.	\$	2380.	43
30 2 B 5E		30084.	\$	49869.	\$	1293.	44
93 3 B 80	\$	36270.	\$	83258	\$	514.	45
35 2 B 6B	\$	27395.	\$	60298.	\$	259.	46
41 2 B 7E	8 \$	36867.	\$	109193.	\$	236.	47
42 2 B 7E	8D \$	36867.	\$	157007.	\$	236.	48

1	RANK ORDER:	BENEFIT	MINUS	COST	(Cont'd)
	COMMERCIAL	PACIFIC			

SER SALTTI	BENEFITS		COST	BENEFIT N	MINUS	COST RO
43 2 B 7CS	\$ 36867.	\$	79015.	\$	236	5. 49
44 2 B 7CD	\$ 36867.	\$	146796.	\$	236	5. 50
96 3 B 90	\$ 34774.	\$	90855.	\$	-13	3. 51
54 3 B 1B	\$ 77129.	\$	112220.	\$	-1099	9. 52
90 3 B 3B	\$ 76874.	\$	117551.	\$	-1300	
90 3 B 7B	\$ 30848.	\$	110593.	\$	-1398	
63 3 B 4B	\$ 76650.	\$	120696.	\$	-1471	
12 1 B 3B	\$ 37073.	\$	79668.	\$	-2800	
48 2 B 9B	\$ 36036.	\$	58695.	\$	-3447	
51 2 B10B	\$ 35297.	\$	65662.	\$	-3858	
14 1 B 4A	\$ 39184.	\$	78293.	\$	-5148	
23 2 B 3C	\$ 0.	\$	127483.	\$	-5665	
27 2 B 4C	\$ 0.	\$	127343.	\$	-5665	
13 1 B 3C	\$ 18696.	\$	76797.	\$	-5682	
	\$ 17574.	\$	74817	\$	-6078	
52 2 B100 46 2 B 8B	\$ 16078. \$ 12152.	\$	82415.	\$	-6605	
46 2 B 8B 2 1 B 1B	\$ 12152. \$ 38650.	\$	102214.	\$	-7989	
16 2 B 1B	\$ 38479.	\$	112181.	\$	-11100	(A) (A)
22 2 B 3B	\$ 38224.	\$	112220. 94211.	\$	-11240 -11441	
26 2 B 4B	\$ 38000.	\$	97356.	\$	-11612	
89 3 B 7A	\$ 51439.	\$	125766.	\$	-22016	
94 3 B 9A	\$ 51427.		135219.	\$	-22027	
91 3 B 8A	\$ 51378.	\$	127456.	\$	-22073	
11 1 B 3A	\$ 25873.	\$	125035.	\$	-31999	
45 2 B 8A	\$ 25566.	\$	125766.	\$	-32293	
50 2 B10A	\$ 25554.	\$	130003.	\$	-32304	
4/ 2 B 9A	\$ 25505.	\$	122240.	\$	-32350). 76
56 3 B 1D	\$ 47623.	\$	156889.	\$	-34811	. 77
58 3 B 2B	\$ 47503.	\$	157043.	\$	-34859	78
61 3 B 3C	\$ 47264	\$	157762.	\$	-34955	5. 79
64 3 B 4C	\$ 46905.	\$	160639.	\$	-35099	
4 1 B 1D	\$ 23931.	\$	156729.	\$	-44294	
18 2 B 1D	\$ 23692.	\$	156889.	\$	-4439C	
20 Z B 2B	\$ 23572.	\$	148664	\$	-44438	
24 2 B 3D	\$ 23333.	\$	149322.	\$	-44534	
28 2 B 4D	\$ 22974.	\$	152199.	\$	-44677	
55 3 B 1C	\$ 13645.	\$	256103.	\$	-92890	
3 1 B 10 17 2 B 10	\$ 6857.	\$	256100.	\$	-95651	
17 2 B 1C 53 3 B 1A	\$ 6788. \$ 52597.	\$	256103.	\$	-95679	
57 3 B 2A	\$ 52595.	\$	608288. 609 1 30.	\$	-217320 -217321	
59 3 B 3A	\$ 52595.	\$	610070.	\$	-217321	
62 3 B 4A	\$ 52595.	\$	618563.	\$	-217322	
1 1 B 1A	\$ 26298.	\$	608288.	\$	-21/322	
15 2 B 1A	\$ 26298.	\$	608288.	\$	-228015	
19 2 B 2A	\$ 26297.	\$	609130.	4	-228017	
21 2 B 3A	\$ 26296.	\$	604854	\$	-228017	
25 2 B 4A	\$ 26296.	1	613347.		-228017	
		-				

RANK ORDER: BENEFIT COST RATIO											
				FISHI		_,,,	ATLANT		INH	1.0	
SER	SAL	FFY	BE.	NEFITS		C:	OST	BENEFIT	COST	RATIO	Ro
69		5DS	\$	73071.	\$	-	91470.	DETTE I		1575	1
70		500	\$	73071.	\$	1	39279			1575	2
81		6DS	\$	67339.	\$		31528.		0.000	6975	3
82		6DD	\$	67339.	\$		79343.			6975	4
97	3 B	10AS	\$	76309.	\$		54112			9478	5
65	3 B	SA	\$	46747.	\$		84740.			4101	6
77	3 B	6A	\$	46747.	\$	1	70955.		6.	4101	7
66	3 B	58	\$	60699.	\$		86545.		4.	9203	8
78	3 B	6B	\$	58539.	\$		94477.		4.	8587	9
33	2 B	5E	\$	36620.	\$		28236.		4.	6920	10
29	2 B	5A	\$	34918.	\$		28376.		4.	4740	11
31	2 B	50	\$	34918.	\$		28539.		4.	4740	12
73	3 B	5FS	\$	76578.	\$		99371.		4.	4677	13
74	3 B	SED	\$	76578.	\$	1	47180.		4.	4677	14
75	3 B	568	. \$	76578.	\$		99371.		4.	4677	15
76	3 B	560	\$	76578.	\$	1	47180.		4.	4677	16
71	3 B	5ES	\$	75175.	\$		99746.		4.	4081	17
72		SED	\$	75175.	\$	1	47555.			4081	18
85	700	6FS	\$	70230.	\$		100096.			1980	19
86		6FD	\$	70230.	\$	1	47911.		4.	1980	20
87		668	\$	70230.	\$		100096.		4.	1980	21
.88		6GD	\$	70230.	\$		47911.			1980	22
83		6ES	\$	69315.	\$		105235.			1591	23
84		6ED	\$	69315.	\$	1	153050.			1591	24
6	1 B		\$	26984.	\$		80327.			5969	25
32		5D	\$	33933.	\$		30879.			5247	26
7		2CS	\$	38916.	\$		51394.			5219	27
8		20D	\$	38916.	\$	1	20784.			5219	28
. 9	1 8		\$	36904.	\$		77926.			5102	29
10	1 B	20D	\$	36904.	\$	1	28782.			5102	30
39	-	7AS	\$	33443.	\$		55566.			4807	31
37	2 B		\$	33443. 282 5 5.	\$	1	23371. 69197.			4807	32
38	2 B		\$	23899.	\$		62998.			0869 0622	33
34	2 B		\$	22789.	\$		73472.			9199	34
36	2 B		\$	22789.	\$		70671.			9199	35 36
5	1 B		\$	33882	\$		62814.		-	5116	37
30	2 B	5B	\$	30084.	\$		49869.			4408	38
35	2 8		\$	27395	\$		60298.			3815	39
61	3 B	SCS	\$	77927.	\$	1	17034.			1467	40
68	3 B		\$	77927.	\$		64849.			1467	41
19	3 B	1000000	\$	77433.	\$		19096.		-	1460	42
80	3 B		\$	77433.	\$		66911.			1460	43
92	3 B	88	\$	73108.	\$		82035.			0721	44
	3 B	9B	\$	72369.	\$		89002.			0706	45
41	2 B	788	\$	36867.	\$	1	09193.			1689	46
42	2 B	780	\$	36867	\$		57007.			1689	47
		708	\$	36867.	\$		79015.			1689	48

	RANK OR	DER:	BENEF	IT COST RAT	ΓΙΟ (Cont'd)
	FISHING		ATLAN	TIC		
SER SALTTI	BENEFITS	CO	ST	BENEFIT COST	RATIO	RO
44 2 B 7CD	\$ 36867.	\$	146796.		1689	49
54 3 B 1B	\$ 77129.		112220.	T.	1482	50
60 3 B 3B	\$ 76874.		117551.		1481	51
63 3 B 4B	\$ 76650.		120696.		. 1480	52
12 1 B 3B	\$ 37073.	\$	79668.		. 0368	53
48 2 B 9B	\$ 36036.	\$	58695.	1	0353	54
51 2 B10B	\$ 35297.	\$	65662.	1	. 0338	55
14 1 B 4A	\$ 39184.	\$	78293.	0	7745	56
2 1 B 1B	\$ 38650.	\$	112181.	0	. 5741	57
16 2 B 1B	\$ 38479.	\$	112220.	0	. 5741	58
22 2 B 3B	\$ 38224.	\$	94211.	0	5740	59
26 2 B 4B	\$ 38000.	\$	97356.	0	. 5739	60
1 1 B 1A	\$ 26298.	\$	608288.	0	. 0000	61
3 1 B 10	\$ 6857.	\$	256100.	0	. 0000	62
4 1 B 1D	\$ 23931.	\$	156729.	0	. 0000	63
11 1 B 3A	\$ 25873.	\$	125035.	0	. 0000	64
13 1 B 30	\$ 18696.	\$	76797.	0	. 0000	65
15 2 B 1A	\$ 26298.	\$	608288.	0	. 0000	66
17 2 B 1C	\$ 6788.	\$	256103.	0	. 0000	67
18 2 B 1D	\$ 23692.	\$	156889.	0	. 0000	68
19 2 B 2A	\$ 26297.		609130.	0	. 0000	69
20 2 B 2B	\$ 23572.	\$	148664.	0	. 0000	70
21 2 B 3A	\$ 26296.	\$, .	604854.	0	. 0000	71
- 23 2 B 30	\$ 0.	\$	127483.	0	. 0000	72
24 2 B 3D	\$ 23333.	\$	149322.	0	. 0000	7.3
25 2 B 4A	\$ 26296.	\$	613347.	0	. 0000	74
27 2 B 4C	\$ 0.		127343.	0	. 0000	75
28 2 B 4D	\$ 22974.	\$	152199.	0	. 0000	76
45 2 B 8A	\$ 25566.	-	125766.		. 0000	77
46 2 B 8B	\$ 12152.		102214.		. 0000	78
47 2 B 9A	\$ 25505.		122240.		. 0000	79
49 2 B 90	\$ 17574.	\$	74817.		. 0000	80
50 2 B10A	\$ 25554.		130003.		. 0000	81
52 2 B10C	\$ 16078.	\$	82415.		. 0000	82
53 3 B 1A	\$ 52597.		608288. 054488.		. 0000	83
55 3 B 10	\$ 13645.		256103.		. 0000	84
56 3 B 1D	\$ 47623.		156889.		. 0000	85
57 3 B 2A	\$ 52595.		609130.		. 0000	86
58 3 B 2B	\$ 47503.	8.60	157043.		. 0000	87
59 3 B 3A	\$ 52595.		610070.		. 0000	88
61 3 B 3C	\$ 47264.		157762.		. 0000	89
62 3 B 4A	\$ 52595.		618563.		. 0000	90
64 3 B 4C	\$ 46905.		160639.		. 0000 . 0000	91
89 3 B 7A	\$ 51439.		125766.		. 0000	92 93
90 3 B 7B 91 3 B 8A	\$ 30848. \$ 51378.		110593. 127456.		. 0000	93
91 3 B 8A 93 3 B 8C	\$ 51378. \$ 36270.	\$	83258.		. 0000	95.
94 3 B 9A	\$ 51427.		135219.		. 0000	96
96 3 B 9C	\$ 34774.	*	90855.		. 0000	97
76 3 B 7C	₹ 34//4.	*	y0000.	O	. 5000	31

RANK ORDER: BENEFIT MINUS COST										
	FISHI		ATLAN							
SER SALTTI	BENEFITS		COST	BENEFIT MINUS COST	RO					
97 3 B10A9		\$	54112	\$ 13668.	1					
69 3 B 5DS		\$	91470.	\$ 13574.	2					
70 3 B 5DI		\$	139279.	\$ 13574.	3					
81 3 B 608		\$	131528.	\$ 12701.	4					
82 3 B 6DI		\$	179343.	\$ 12701.	5					
66 3 B 5B	\$ 60699.	\$	86545.	\$ 12612.	6					
73 3 B 5F9		\$	99371.	\$ 12422	7					
74 3 B 5F1	\$ 76578.	\$	147180.	\$ 12422.	8					
75 3 B 569	\$ 76578.	\$	99371.	\$ 12422.	9					
76 3 B 561	\$ 76578.	\$	147180.	\$ 12422.	10					
78 3 B 6B	\$ 58539.	\$	94477.	\$ 12414.	11					
71 3 B SES	\$ \$ 75175.	\$	99746.	\$ 12208.	12					
72 3 B 5EI	J \$ 75175.	\$	147555.	\$ 12208.	13					
85 3 B 6FS	\$ 7 0230.	\$	100096.	\$ 11456.	14					
86 3 B 6FI	9 \$ 70230.	\$	147911.	\$ 11456.	15					
87 3 B 669	\$ 7 0230.	\$	100096.	\$ 11456.	16					
88 3 B 66I) ≸ 70230.	\$	147911.	\$ 11456.	17					
83 3 B 6E9	s \$ 69315.	\$	105235.	\$ 11316.	18					
84 3 B 6EI	9 \$ 69315.	\$	153050.	\$ 11316.	19					
65 3 B 5A	\$ 46747.	\$	84740.	\$ 9946.	20					
77 3 B 6A	\$ 46747.	\$,170955.	\$ 9946.	21					
-67 3 B 509		\$	11/034.	\$ 8698.	22					
68 3 B 50		\$	164849.	\$ 8698.	23					
79 3 B 60:		\$	119096.	\$ 8694.	24					
80 3 B 901		\$	166911.	\$ 8694.	25					
92 3 B 8B	\$ 73108.	\$	82035.	\$ 8411.	26					
95 3 B 9B	\$ 72369.	\$	89002.	\$ 8399.	27					
33 2 B 5E	\$ 36620.	\$	28236.	\$ 5973.	28					
7 1 B 2C		\$	51394.	\$ 5795.	29					
8 1 B 2C		\$	120784.	\$ 5795.	30					
29 2 B 5A	\$ 34918.	\$	28376.	\$ 5620.	31					
31 2 B 50	\$ 34918.	\$	28539.	\$ 5620.	32					
9 1 B 2D:		\$	77926.	\$ 5470. \$ 5470.	33					
10 1 B 2DI 32 2 B 5D		\$	128782. 30879.	\$ 5470. \$ 5222.	34 35					
32 2 B 5D 39 2 B 7A		\$	55566.	\$ 5222. \$ 5131.	36					
40 2 B 7A		\$	123371	\$ 5131.	37					
5 1 B 2A	\$ 33882.	\$	62814.	\$ 4863.	38					
6 1 B 23	\$ 26984.	\$	80327.	\$ 47/4.	39					
30 2 B 5B	\$ 30084.	\$	49869.	\$ 4635.	40					
35 2 B 6B	\$ 27395.	\$	60298.	\$ 4445.	41					
37 2 B 6D	\$ 28255.	\$	69197.	\$ 4316.	42					
38 2 B 6E	\$ 23899.	\$	62998.	\$ 3336.	43					
34 2 B 6A	\$ 22789.	\$	73472.	\$ 3106.	44					
36 2 B 6C	\$ 22789.	\$	70671.	\$ 3106.	45					
54 3 B 1B	\$ 77129.	\$	112220.	\$ 2102.	46					
60 3 B 3B	\$ 76874.	\$	117551	\$ 2100.	47					
63 3 B 4B	\$ 76650.	\$	120696.	\$ 2099.	48					
TD	- /0000.	-								

RANK ORDER: BENEFIT MINUS COST (Cont'd) FISHING ATLANTIC									
SER SALTTI	BENEFITS	CO	ST	BENEFIT M	INUS COS	T RO			
41 2 B 7BS	\$ 36867	. \$ 1	09193.	*	1104.	49			
42 2 B 7BD	\$ 36867		57007.	\$	1104.	50			
43 2 B 70S	\$ 36867	. \$	79015.	\$	1104.	51			
44 2 B 7CD	\$ 36867	. \$ 1	46796.	\$	1104.	52			
12 1 B 3B	\$ 37073		79668.	\$	289.	53			
48 2 B 9B	\$ 36036		58695.	\$	277.	54			
51 2 B10B	\$ 35297		65662.	\$	265.	55			
1 1 B 1A	\$ 26298		08288.	\$	Ο.	56			
3 1 B 1C	\$ 6857		56100.	\$	0.	57			
4 1 B 1D	\$ 23931		56729.	\$	0.	58			
11 1 B 3A	\$ 25873		25035.	\$	0.	59			
13 1 B 3C 15 2 B 1A	\$ 18696 \$ 26298		76797. 08288.	\$ \$	0.	60			
15 2 B 1A 17 2 B 1C	\$ 26298 \$ 6788		56103.	\$	O. O.	61			
18 2 B 1D	\$ 23692		56889.	\$	0.	62 63			
19 2 B 2A	\$ 26297		09130.	\$	0.	64			
20 2 B 2B	\$ 23572		48664.	\$	0.	65			
21 2 B 3A	\$ 26296		04854.	\$	0.	66			
24 2 B 3D	\$ 23333		49322.	\$	0.	67			
25 2 B 4A	\$ 26296		13347.	\$	o.	68			
28 2 B 4D	\$ 22974		52199.	\$	O.	69			
45 2 B 8A	\$ 25566		25766.	\$	O.	70			
46 2 B 8B	\$ 12152	. \$ 1	02214.	\$	0.	71			
47 2 B 9A	\$ 25505	. \$ 1	22240.	\$	0.	72			
49 2 B 9C	\$ 17574	. \$	74817.	\$	0.	73			
50 2 B10A	\$ 25554	. \$ 1	30003.	\$	O.	74			
52 2 B10C	\$ 16078		82415.	\$,0.	75			
53 3 B 1A	\$ 52597		08288.	\$	0.	76			
55 3 B 1C	\$ 13645		56103.	\$	0.	77			
56 3 B 1D	\$ 47623		56889.	\$	0,	78			
57 3 B 2A	\$ 52595		09130.	\$	0.	79			
58 3 B 2B 59 3 B 3A	\$ 47503		57043.	\$ \$	0.	80			
59 3 B 3A 61 3 B 3C	\$ 52595 \$ 47264		10070. 57762.	\$	0. 0.	81			
62 3 B 4A	\$ 52595		18563.	\$	0.	82			
64 3 B 4C	\$ 46905		60639.	\$	0.	83 84			
89 3 B 7A	\$ 51439		25766.	\$	0.	85			
90 3 B 7B	\$ 30848		10593.	\$	0.	86			
91 3 B 8A	\$ 51378		27456.	\$	0.	87			
93 3 B 80	\$ 36270	_	83258.	\$	O.	88			
94 3 B 9A	\$ 51427		35219.	\$	0.	89			
96 3 B 90	\$ 34774		90855.	\$	O.	90			
14 1 B 4A	\$ 39184	. \$	78293.	\$	-2372	91			
23 2 B 3C	\$ 0	. \$ 1	27483.	\$	-3783.	92			
27 2 B 4C	\$ 0	. \$ 1	27343.	\$	-3783.	93			
2 1 B 1B	\$ 38650	. \$ 1	12181.	\$	-6041.	94.			
16 2 B 1B	\$ 38479		12220.	\$	-6042.	95			
22 2 B 3B	\$ 38224		94211.	\$	-6043.	96			
26 2 B 4B	\$ 38000	. \$	97356.	\$	-6044.	97			

RANK ORDER: BENEFIT COST RATIO FISHING PACIFIC COST SER SALTTI BENEFITS BENEFIT COST RATIO RO 69 3 B 5DS 73071. 91470. 7. 3403 1 70 3 B 50D 73071 \$ 139279 7. 3403 81 3 B 6DS 67339. \$ 131528. 6. 5669 3 82 3 B 6DD 67339 179343. 6. 5669 97 3 B10AS 76309 54112. \$ 6.4181 33 2 B 5E 36620. \$ 28236. 4. 4174 29 2 B 5A 34918. 28376. 4. 2122 34918. 31 2 B 50 \$ \$ 28539 8 4. 2122 73 3 B 5FS \$ 76578. 99371 4. 1366 9 74 3 B 5FD 76578. \$ 147180. 4. 1366 10 75 3 B 568 99371 76578. \$ \$ 4. 1366 11 76 3 B 5GD \$ 76578. \$ 147180. 4. 1366 71 3 B SES 75175. \$ 99746. 4. 0363 13 147555. 72 3 B 5ED \$ 75175. \$ 4. 0363 14 66 3 B 5B 60699. \$ 86545. 3. 9448 15 65 3 B 5A 46747. 84740. 3.8682 16 77 3 B 6A 46747 170955. \$ \$ 3, 8682 17 78 3 B 6B \$ 58539. \$ 94477. 3. 7491 85 3 B 6FS 70230. \$ 100096. 19 3, 6831 86 3 B 6FD 70230. 147911. \$ \$ 3, 6831 20 87 3 B 6GS 70230. \$ 100096. 3. 6831 21 88 3 B 660 70230. \$ 147911. 3. 6831 22 83 3 B 6ES \$ 69315. \$ 105235. 3. 6177 23 84 3 B 6ED 69315. 153050. 3. 6177 24 9 1 B 2DS 36904. \$ 77926. 25 3. 3047 10 1 B 200 \$ 36904. \$ 128782. 3, 3047 26 7 1 B 208 38916 51394 3, 2936 27 8 1 B 20D 38916. 120784 3, 2936 28 32 2 B 5D 33933. 30879. \$ 3.0619 29 39 2 B 7AS 33443. \$ 55566. 3,0091 30 40 2 B 7AD 33443. \$ 123371. 3,0091 31 38 2 B 6E 23899 62998. \$ 2.8829 32 34 2 B 6A 22789. 73472. 2. 7490 33 36 2 B 60 22789. \$ 70671. 2. 7490 34 6 1 B 2B \$ 26984 \$ 80327. 2. 4156 35 37 2 B 6D 28255. 69197. 2. 3777 36 5 1 B 2A 33882. \$ 62814. 2. 1805 37 67 3 B 50S 77927. 117034 \$ 2, 0105 38 68 3 B 5CD 77927. 164849. 2.0105 39 79 3 B 6CS 77433. 119096. 2.0021 40 80 3 B 9CD 77433. \$ 166911. 2.0021 41 30 2 B 5B 30084. 49869. 1. 9264 42 92 3 B 8B 73108. 82035. 1.8703 43 95 3 B 9B \$ 72369. 89002. 1.8594 44 35 2 B 6B 27395. 60298. 1. 7210 45 41 2 B 7BS 36867. 109193. 1.1005 46 42 2 B 7BD \$ 36867. 157007. \$ 1. 1005 47 43 2 B 70S 36867. 79015. 1.1005 48

D-51

RANK ORDER: BENEFIT COST RATIO (Cont'd)										
FISHING PACIFIC										
SER SALTTI	BENEFIT COST	RATIO RO								
44 2 B 7CD	\$ 36867.	\$ 146796.								
				1005 49						
54 3 B 1B 60 3 B 3B	\$ 77129.	\$ 112220.		0664 50						
	\$ 76874.	\$ 117551.		0643 51						
63 3 B 4B 12 1 B 3B	\$ 76650. \$ 37073.	\$ 120696. \$ 79668.		0625 52						
48 2 B 9B	\$ 36036.	\$ 58695.		9 42 6 53 9278 54						
51 2 B10B	\$ 35297.	\$ 65662.		9168 55						
14 1 B 4A	\$ 39184.	\$ 78293.		7255 56						
2 1 B 1B	\$ 38650.	\$ 112181.		5339 57						
16 2 B 1B	\$ 38479.	\$ 112220.		5325 58						
22 2 B 3B	\$ 38224.	\$ 94211.		5304 59						
26 2 B 4B	\$ 38000.	\$ 97356.		5286 60						
1 1 B 1A	\$ 26298.	\$ 608288.		0000 61						
3 1 B 1C	\$ 6857.	\$ 256100.		0000 62						
4 1 B 1D	\$ 23931.	\$ 156729.								
11 1 B 3A	\$ 25873.	\$ 125035.								
13 1 B 3C	\$ 18696.	\$ 76 7 97.		0000 64 0000 65						
15 2 B 1A	\$ 26298.	\$ 608288.								
17 2 B 1C	\$ 6788.	\$ 256103.								
18 2 B 10	\$ 23692.			7 17 16 17 17 1 TO 18						
19 2 B 2A	\$ 26297.	\$ 156889. \$ 609130.		0000 68 0000 69						
20 2 B 2B	\$ 23572.	\$ 148664.								
20 2 B 2B 21 2 B 3A	\$ 26296.	\$ '604854.		0000 70 0000 71						
23 2 B 3C	\$ 2027G. \$ 0.	\$ 127483.		0000 71						
24 2 B 3D	\$ 23333.	\$ 149322.		0000 73						
25 2 B 4A	\$ 26296.	\$ 613347.		0000 74						
27 2 B 4C	\$ 20276.	\$ 127343.		0000 75						
28 2 B 4D	\$ 22974	\$ 152199.		0000 76						
45 2 B 8A	\$ 25566.	\$ 125766.		0000 77						
46 2 B 8B	\$ 12152.	\$ 102214.	7.1	0000 78						
47 2 B 9A	\$ 25505.	\$ 122240.		0000 79						
49 2 B 9C	\$ 17574.	\$ 74817.		0000 80						
50 2 B10A	\$ 25554.	\$ 130003.		0000 81						
52 2 B10C	\$ 16078.	\$ 82415.		0000 82						
53 3 B 1A	\$ 52597.	\$ 608288.		0000 83						
55 3 B 1C	\$ 13645.	\$ 256103.		0000 84						
56 3 B 1D	\$ 47623.	\$ 156889.		0000 85						
57 3 B 2A	\$ 52595.	\$ 609130.		0000 86						
58 3 B 2B	\$ 47503.	\$ 157043.		0000 87						
59 3 B 3A	\$ 52595.	\$ 610070.		0000 88						
61 3 B 3C	\$ 47264.	\$ 157762.		0000 89						
62 3 B 4A	\$ 52595.	\$ 618563.		0000 90						
64 3 B 4C	\$ 46905.	\$ 160639.		0000 91						
89 3 B 7A	\$ 51439.	\$ 125766.		0000 92						
90 3 B 7B	\$ 30848.	\$ 110593.		0000 93						
91 3 B 8A	\$ 51378.	\$ 127456.		0000 94						
93 3 B 8C	\$ 36270.	\$ 83258.		0000 95						
94 3 B 9A	\$ 51427.	\$ 135219.		0000 96						
96 3 B 9C	\$ 34774.	\$ 90855.		0000 97						

					RANK	ORDE	ER:	BENEF	111	MINUS		COST	
					FISHI	NG		PACIF	IC				
SER	SA	LI	17	BE	NEFITS		0.0	ST	BE	NEFIT	MI	NUS COS	ST RO
97	3	B1	OAS	\$	76309.	\$	5	4112.			\$	7871.	1
69			508	\$	73071.	\$	9	1470.			\$	7601.	2
70		_	SDD	\$	73071	\$		9279.			\$	7601.	3
73		В	5FS	\$	76578.	\$		9371.			\$	7103.	4
74			SED	\$	76578.	\$		7180.			\$	7103.	5
75			SGS	\$	76578	\$		9371.			\$	7103.	6
76	3	В	5GD	\$	76578.	\$	14	7180.			\$	7103.	7
71	3		SES	\$	75175.	\$		9746.			\$	6876.	8
72	3	В	SED	\$	75175.	\$	14	7555.			\$	6876	9
81	3	В	608	\$	67339.	\$	13	1528.			\$	6674.	10
82	3	В	6DD	\$	67339.	\$	17	9343.			\$	6674.	11
85	3	B	6FS	\$	70230.	\$	10	0096.			\$	6076.	12
86	3	В	6FD	\$	70230.	\$	14	7911.			\$	6076.	13
87	3	В	668	\$	70230.	\$	10	0096.			\$	6076.	14
88	3	В	6GD	\$	70230.	\$	14	7911.			\$	6076.	15
66	3	В	5B	\$	60699.	\$	8	6545.			\$	5989.	16
83	3	В	6ES	\$	69315.	\$	10	5235.			\$	5928.	17
84	3	В	6ED	\$	69315.	\$	15	3050.			\$	5928.	18
78	3	Ŀ	6B	\$	58539.	\$	9	4477.			\$	5591.	19
61	3	В	5cs	\$	77927.	\$	11	7034.			\$	4846.	20
68	3	B	5CD	\$	77927.	\$.16	4849.			\$	4846.	. 21
19	3	В	608	\$	77433.	\$	11	9096.			\$	4806.	22
80	3	В	60D	\$	77433.	\$	16	6911.			\$	4806.	23
92	3	В	88	\$	73108.	\$	- 8	2035.			\$	4316.	24
95	3	В	9B	\$	72369.	\$	3	9002.			\$	4262.	25
33	2	В	5E	\$	36620.	\$	2	8236.			\$	3495.	26
65	3	В	5A	\$	46747.	\$	8	4740.			\$	3333.	27
11	3	В	6A	\$	46747.	\$	17	0955.			\$	3333.	28
7	1	В	208	\$	38916.	\$	5	1394.			\$	3332.	29
8	1	В	200	\$	38916.	\$	12	0784.			\$	3332.	30
29	2	В	5A	\$	34918.	\$	2	8376.			\$	3285.	31
31	2	В	50	\$	34918.	\$	2	8539.			\$	3285.	32
9	1	В	2DS	\$	36904.	\$	7	7926.			\$	3175.	33
10	1	В	200	\$	36904.	\$	12	8782.			\$	3175.	34
32	2	В	5D	\$	33933.	\$	3	0879.			\$	2696.	35
39	2	В	7AS	\$	33443.	\$	5	5566.			\$	2627.	36
40	2	В	7AU	\$	33443.	\$	12	3371.			\$	2627.	37
5	1	В	24	\$	33882.	\$	6	2814.			\$	2401.	38
38	-	_	4E	\$	23899.	\$	6	2998.			\$	1926.	39
30	2	В	58	\$	30084.	\$	4	9869.			\$	1884.	40
37	_	В	6D	\$	28255.	\$		9197.			\$	1801.	41
34	-	В	64	\$	22789.	\$		3472.			\$	1789.	42
36	100	В	60	\$	22789.	\$		0671.			\$	1789.	43
6	-	В	2B	\$	26984.	\$		0327.			\$	1645.	44
35		B	6B	\$	27395.	\$		0298.			\$	1466.	45
54		В	18	\$	77129.	\$		2220.			\$	595.	46
60	-	B	3B	\$	76874.	\$		7551.			\$	576.	47
63	3	В	4B	\$	76650.	\$	12	0696.			\$	560.	48

		IK ORDER HING	BENE PACI	FIT MINUS	COST (Cont'd)
SER SALTTI	BENEFI	TS (COST	BENEFIT M	INUS	COST RO
41 2 B 7BS	\$ 3686	7. \$:	109193.	\$	415	. 49
42 2 B 7BD	\$ 3686	7. \$	157007.	\$	415	
43 2 B 70S	\$ 3686	7. \$	79015.	\$	415	
44 2 B 7CD	\$ 3686	7. \$	146796.	\$	415	
1 1 B 1A	\$ 2629	8. \$ 6	508288.	\$	0	
3 1 B 1C	\$ 685	7. \$:	256100.	\$	0	. 54
4 1 B 1D	\$ 2393	1. \$:	156729.	\$	0	. 55
11 1 B 3A	\$ 2587	3. \$:	125035.	\$	0	. 56
13 1 B 3C	\$ 1869	6. \$	76797.	\$	0	57
15 Z B 1A	\$ 2629	8. \$ 6	508288.	\$	0	. 58
17 Z B 1C	\$ 678	8. \$ 1	256103.	\$	0	. 59
18 Z B 1D	\$ 2369	2. \$:	156889.	\$. 0	. 60
19 2 B 2A	\$ 2629	7. \$ 6	509130.	\$	0	61
20 Z B ZB	\$ 2357	2. \$:	148664.	\$	0	. 62
21 2 B 3A	\$ 2629	6. \$ 6	504854.	\$	0	63
24 2 B 3D	\$ 2333	3. \$;	149322.	\$	0	. 64
25 2 B 4A	\$ 2629	6. \$ 6	513347.	\$	0	. 65
28 2 B 4D	\$ 2297	4. \$	152199.	\$	0	. 66
45 2 B 8A	\$ 2556	6. \$:	125766.	\$	0	67
46 2 B 8B	\$ 1215	2. \$:	102214.	\$	0	. 68
47 2 B 9A	\$ 2550	5. \$:	122240.	\$	0	. 69
49 2 B 90	\$ 1757	4. \$.	74817.	\$	0	70
.50 2 B10A	\$ 2555	4. \$ 1	130003.	\$	0	. 71
52 2 B10C	\$ 1607	8. \$	82415.	\$	0	. 72
53 3 B 1A	\$ 5259	7. \$ 6	508288.	\$	0	. 73
55 3 B 1C	\$ 1364		256103.	\$	0	. 74
56 3 B 1D	\$ 4762		156889.	\$	0	. 75
57 3 B 2A	\$ 5259		509130.	\$	0	
58 3 B 2B	\$ 4750		157043.	\$	0	
59 3 B 3A	\$ 5259		310070.	\$	0	
61 3 B 3C	\$ 4726		157762.	\$	0	
62 3 B 4A	\$ 5259		\$18563.	\$	0	
64 3 B 4C	\$ 4690		160639.	\$	0	
89 3 8 7A	\$ 5143		125766.	\$	0	
90 3 B 7B	\$ 3084		110593.	\$	0	
91 3 B 8A	\$ 5137		127456.	\$	0	
63 3 R 8C	\$ 3627	170.0	83258.	\$	0	
94.3 B 9A	\$ 5142		135219.	\$	0	
96 3 B 90 12 1 B 38	\$ 3477 \$ 3707		90855.	\$	0	
			79668.	\$	-285	
48 2 B 9B 51 2 B10B			58695.	\$	-358	·
14 1 B 4A	\$ 3529 \$ 3918		65662.	\$	-412	
23 2 B 3C			78293. 12 74 83.	\$	-1824	
27 2 B 4C			27343.	\$ \$	-2391	
2 1 B 1B	∌ 3865		12181	\$	-2391 -4179	
16 2 B 1B	\$ 3847		12220.	\$	-4179	
22 2 B 3B	\$ 3822		94211.	\$		· · · · · · · · · · · · · · · · · · ·
26 2 B 4B	\$ 3800		97356.	\$	-4211 -4227	
20 2 0 70	+ 5000	· •	7/000	*	-422/	. 7/